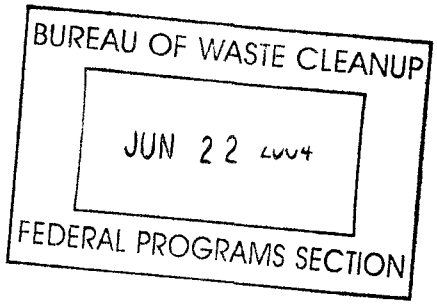




SITE INSPECTION REPORT
PURE LEAD PRODUCTS

MIAMI, FLORIDA

PREPARED FOR FLORIDA DEPARTMENT OF

ENVIRONMENTAL PROTECTION

Site Inspection Report

for

Former Pure Lead Products, Inc.

FLN000407409

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Prepared for:

Florida Department of Environmental Protection
Federal Programs Section
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Prepared by:

PBS&J
3230 Commerce Place, Suite A
West Palm Beach, Florida 33407

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1.0 INTRODUCTION

Post, Buckley, Schuh & Jernigan, Inc. (PBS&J) was tasked by the Florida Department of Environmental Protection (FDEP) to conduct a Site Inspection (SI) of the Former Pure Lead Products (FPLP) site in Miami, Dade County, Florida. The SI was performed under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendment and Reauthorization Act of 1986 (SARA), Public Law 99-499, and Chapter 403 Florida Statutes. The SI fieldwork was conducted between June 23 and 26, 2003.

The objectives of the SI are to determine the presence and nature of contamination at the site resulting from potential release of hazardous substances into the environment. This Site Inspection Report will present the site background and findings of previous investigations, identify migration pathways that were inspected, identify the number of samples and sample locations that were collected during the SI to define the nature of the contamination, describe sampling methodologies, and present the results and findings of the SI. During the SI, all Data Quality Objectives (DQO) were established and followed in accordance with the prescribed guidance documents set forth by the USEPA Region IV including the EPA Science and Ecosystem Support Division (SEDS) Region IV Environmental Investigation Standard Operating Procedures and Quality Assurance Manual (EISOPQAM), EPA Contract Laboratory Program (CLP) Statement of Work (SOW) for Organics and Inorganic Analysis, and the National Functional Guidelines and Data Validation SOP for CLP Routine Analytical Services, Version 2.1. These DQOs specifically apply to sampling location, sample types, sampling procedure, use of data, data types, and field QA/QC samples.

Specifically, the objectives of the SI are as follows:

- Discuss the findings of previous investigations and other background information.
- Further define the site characteristics and contaminant sources, including waste type and volume.
- Determine human population, sensitive environments, and fisheries that are threatened or potentially threatened by releases of hazardous materials from the site.
- Identify potential contaminant migration pathways and collect samples to determine presence/absence of release of hazardous substances at the site.
- Provide FDEP and United States Environmental Protection Agency (USEPA) the necessary information to make decisions regarding actions warranted at this site.

The results of the SI have been integrated into this SI Report and will be incorporated into the Hazard Ranking System (HRS) evaluation (effective March, 1991) for the FPLP site. The results were also used to determine what, if any, further action is required by the United States Environmental Protection Agency (USEPA) and/or FDEP to address possible contamination at the site.

2.0 SITE BACKGROUND

2.1 Site Location and Description

The FPLP site is located at 3450 NW North River Drive, Miami, Dade County, Florida 33142. The FPLP site consists of lot #16 and the adjacent lot #17 on which a building is located. The approximate latitudinal and longitudinal coordinates of the site are 25°48'11" (25.8031) North and 80° 15' 12" (80.2533) West, respectively. The site is also defined as being located in the NW 1/4 of Section 28, Township 53 South, Range 41 East. The site is located on NW North River Drive, near the NW 30th Street intersection. [1,35,38,40,41].

The property is approximately 12,525 square feet in size and is located in an industrical zoned area. One building, consisting of 2,400 square feet, is present on-site. This building was reportedly built in 1939. A fence currently restricts site access. A rail line is located northeast and the Miami Canal (Canal C-6) is located southwest of the site. Adjacent sites are occupied by metal recycling companies and other industrialized activities. The nearest school, a public school, is located approximately 0.7 mile west of the site [1,35,41,45].

Figure 1 presents an area location map, Figure 2 shows the site on a USGS 7.5-minute topographical map, and Figure 3 is a site map.

2.2 Site History

2.2.1 Operational History and Waste Characteristics-General Process

The typical secondary smelting process involved lead scrap and lead components from used car batteries. The lead posts and grids were recovered from the batteries for smelting. The smelter operation typically consisted of reverberatory or blast furnaces, which were used to produce soft pure lead or specialty alloys. As part of the refining process, some smelting operations introduced antimony, arsenic and cadmium for the desired product. The furnaces were periodically opened to remove slag (60-70% lead) and a soft pure lead product [36,39,44].

Several public health organizations and EPA have identified a number of companies that conducted secondary lead smelting in the United States. This smelting process utilized the recovery of lead metal and alloys from various forms of scrap including lead acid batteries. The FPLP site was one of those companies identified in the studies. It has been determined that lead concentrations in surface soils may exceed 1% near the smelters. A study of soils at eight former secondary smelting facilities in Baltimore and Philadelphia indicated lead concentrations ranging from 306 milligrams per kilogram [mg/kg] to 2,550 mg/kg. EPA and the Agency for Toxic Substances and Disease Registry (ATSDR) have identified lead as the leading priority contaminant at Superfund sites. Both EPA and ATSDR consider lead a serious public health problem, particularly in children [37,39,40,42].

2.2.2 Operational History and Waste Characteristics-Specific Site Process

Very little site specific information exists regarding the FPLP site. Based on a review of historical city directories, the FPLP facility started operations no later than 1944 and closed no earlier than 1969. No record of this company was found in the 1973 directory. Based on State of Florida corporate records, the FPLP operation may have started as early as 1935. The lead operation was reported to have moved to 33 NW 29 Street circa 1969 were it became Lead Enterprises which continues to operate today [45]. The file information indicates that the FPLP operation consisted of a general office and plant. The corporate office was reportedly located nearby at the intersection of NW 30th Street and NW 32nd Avenue. FPLP reportedly produced sheet lead, solders, caulking lead, lead pipe and fishing sinkers [34,38,40,41].

2.2.3 Site Ownership

A review of the State of Florida Division of Corporate records indicates that J.D Howard Jr. formerly owned the Pure Lead Products Company [39,41]. The Howard/Pure Lead Inc. sold the subject site to I.E. Schilling Company (cement operation) in 1972. Schilling owned/operated the adjoining lots to the west. Schilling sold the land to Marine, Inc. in 1972. Marine Inc. sold the subject site as part of a larger parcel to Plato Cox and his wife Edna in 1978. Plato Cox is deceased, and Edna Cox currently owns the property as his widow [45].

2.2.4 Regulatory/Permitting History

In late 2001, EPA referred five secondary lead smelting sites, including the FPLP site, to the FDEP for prescreening. FDEP completed a Pre-CERCLIS, Screening Assessment Checklist/Decision report on November 5, 2001. The report identified the site location, described potential lead problems possibly associated with the site and identified potential receptors. Based on the findings of the report, the site was recommended for entry onto CERCLIS. EPA subsequently reviewed the report and entered the site onto the CERCLIS database [33,34,36].

On December 9, 2001, FDEP completed a Windshield Survey of the FPLP site. The survey pinpointed the site location and noted that the site was active and occupied by a shipping/cargo company [35,43].

A discharge of unknown quantity of petroleum product from equipment and/or personnel of a tenant (Cap Haitian) operating at the site occurred on March 30, 1999 [45]. As part of the Interim Remedial Action (IRA), approximately 60 cubic yards of petroleum-contaminated soil was removed from the immediate vicinity of Catch Basin 1 and transported offsite for disposal.

2.2.5 Site Reconnaissance

A reconnaissance of the former Pure Lead Products site was conducted by FDEP and PBS&J personnel on March 10, 2003. During the reconnaissance, a warehouse was observed on the north side of the property. According to the landowner's son-in-law, Mr. F. Lambert Hooper, the warehouse is being leased for the storage of various materials in preparation for exporting. Observations inside of the warehouse did not reveal the presence of any materials that would pose an environmental concern. Outside areas of the site were covered by asphalt and concrete.

Mr. Lambert indicated that four groundwater monitoring wells and approximately 16 soil borings were installed, and groundwater and soil sampling has been conducted at the site in response to the petroleum spill that occurred in March 1999. According to the owners environmental consultant, Mr. Jorge V. Diaz of Tierra Consulting Group, Inc., these monitoring wells were covered with asphalt after sampling. Mr. Lambert provided analytical data that indicated lead contamination of the top three feet of soil; however, soil below three feet and the groundwater did not appear to be impacted.

Following the site reconnaissance, historical aerial photographs showing the subject property in 1968, 1971, 1973, 1985 and 2002 were obtained and reviewed. The existing warehouse was observed in all the photographs. In the 1968 and 1971 photographs, an additional building is shown onsite along the northwestern side of the property [46].

3.0 SITE ENVIRONMENTAL SETTING

3.1 Climatology

Dade County has a subtropical humid climate. The average annual temperature (Homestead) is 73.9° F with the average monthly temperature ranging from 66.5° F in January to 80.9° F in August. These values are based on 44 years of record. The average annual rainfall for Dade County (Homestead) is 62.60 inches. This annual rainfall figure is also based on 44 years of data. The wettest period of the year is from May to October. Rainfall during these months is associated with convective thunderstorms [9,23]. Hurricane type storms emanating from the tropics during June to November may significantly contribute to the annual rainfall totals. The local net annual rainfall and the 2-yr./24-hr rainfall are approximately 7 inches and 6 inches, respectively [7,8].

3.2 Site Topography and Surface Water Drainage

The site area is relatively flat and is situated approximately 5 feet above mean sea level (msl) [1,23] (Figure 1). The FPLP site is located within a 100-year flood prone zone [1,25 (Figure 1)]. Stormwater runoff from the site is likely conveyed to the adjacent Miami Canal (Canal C-6) located near the southwest corner of the site. The Miami Canal turns into the Miami River downstream of the site. The Miami River and lower portions of the Miami Canal are both subject to tidal influence. A salinity control structure (S-26) is located upstream of the site near the 36th Street Bridge [18,26,31]. The Miami River discharges into Biscayne Bay approximately 5 miles downstream of the site. Biscayne Bay is connected to the Atlantic Ocean via the Government and Norris Cuts. These cuts are located approximately 3.6 miles east of the Miami River's outfall to the Bay [1,18,30].

3.3 Geology/Hydrogeology

This site is situated on the western edge of the Atlantic Coastal Ridge geomorphologic feature which is within the Southern (or Distal) Geomorphologic Province of Florida. No karst terrain features exist (i.e. sinkholes) within the site area. Three major hydrogeologic units are present in Dade County. These units include the surficial aquifer system, intermediate aquifer system/confining unit and the Floridan aquifer system [1,10,11,12,13,15,16].

The principal source of freshwater in Dade County is the surficial aquifer system. The Biscayne aquifer is the most productive unit of this system. The surficial aquifer system is composed of upper Cenozoic sediments that are hydraulically connected. The surficial aquifer system includes, in ascending order, the Tamiami Formation (Fm), Caloosahatchee Fm, Fort Thompson Fm, Key Largo Limestone, Anastasia Fm, Miami Limestone and the Pamlico Sand (undifferentiated Pleistocene-Holocene sediments). The surficial aquifer system exists under water-table conditions and is found generally within 5 feet of land surface. It is commonly overlain by a thin veneer of peat, muck (a mixture of silt and very fine-grained decomposed organic matter), or sand.

The surficial aquifer system is composed of limestone, sandstone, sand, shell, lime mud, silt, clay, claystone, siltstone and an admixture of these materials. The surficial aquifer system ranges in thickness from 140 feet (southeast Dade County) to more than 280 feet (northeast Dade County) in eastern Dade County. The primary source of recharge for the surficial aquifer system is local rainfall. During periods of low rainfall, the extensive canal system in Dade County provides a significant source of recharge. Discharge from the aquifer occurs by pumping and ground water flow into Biscayne Bay, the Atlantic Ocean and canals during the wet season. The regional groundwater flow in Dade County is generally east or southeast towards the Atlantic Ocean. However, the presence of active well fields, surface water control canals and tidal fluctuations commonly cause local deviations in the regional flow pattern. The average transmissibility of the Biscayne aquifer unit ranges from 3 to 5 million gallons /day/foot. Well yields (6 inch wells) range from 1,000 to 1,500 gallons per minute. Water from this aquifer is generally colored either with organic material or iron in the upper part of the aquifer. Excessive amounts of iron are encountered in some parts of the aquifer. [1,9,11,13,14,15,16,17,23,26]. The groundwater flow directions at the site is in a general south-southeasterly direction toward the adjoining water body [45].

The intermediate aquifer system/confining unit consists of the relatively impermeable marl; greenish-gray, sandy clay and silt units located in the lower part of the Tamiami Fm (Pliocene age) and Hawthorn Group (Arcadia and Peace River Fms-Miocene age). The Hawthorn Group is found approximately 150 feet below land surface (bls) and is around 750 feet thick in the site area. Well sorted, medium grained sands interbedded with claystones or siltstones yield low to moderate quantities of water. This intermediate confining unit underlies the surficial aquifer system to a depth 975 feet in eastern Dade County and forms the upper confining unit for the Floridan aquifer system [1,11,12,13,15].

The artesian Floridan aquifer system is composed of carbonate and evaporite units ranging from Eocene to Oligocene age. The Floridan aquifer system consists of, in ascending order, the Oldsmar Fm, Avon Park Fm, Ocala Limestone and the Suwannee Limestone. The top of the Floridan aquifer system is found approximately 1,000 feet bls and the aquifer is about 2,600 feet thick in northeastern Dade County. Water from the Floridan aquifer system is highly mineralized and is currently unsuitable for potable water supplies in Dade County [11,15].

3.4 Ground-Water Pathway

The majority of the site area, including the Cities of Hialeah and Miami, is supplied water by the Miami-Dade Water and Sewer Authority (MDWSA) water system. The MDWSA maintains three regional water treatment plant (WTP) facilities in Dade County. The Hialeah and John E. Preston WTPs serve northern Dade County north of Flagler Street. While the Alexander Orr, Jr. WTP serves Dade County south of Flagler Street to S.W. 248th Street. The Hialeah/Preston and Alexander Orr Jr. systems each serve approximately 1 million people. However, the two systems are interconnected allowing water to be exchanged during periods of peak demand [1,21,22,24].

The Hialeah and Preston WTPs share a common distribution system and provide drinking water to large portions of northern Dade County. Water for this system is provided by wellfields open to the Biscayne aquifer. The Hialeah and Preston WTPs, which are located adjacent to each other, are provided raw water from the Northwest (15 wells), Hialeah/Preston (8 wells) and Miami Springs [Upper & Lower] (20 wells) wellfields. These wellfields have depths ranging from 80 to 115 feet and are cased to depths of 46 to 80 feet. The pumping capacities of the wells range from 2,500 gallons per minute (gpm) to 7,600 gpm. The contributions from the Miami Springs/Hialeah wellfields and Northwest wellfield are 70 million gallons per day (MGD) and 100 MGD, respectively. The Hialeah/Preston wellfield is situated between 2.7 and 3 miles northwest of the site. The Miami Springs-Upper wellfield is located between 2.9 and 3.9 miles northwest of the site while the Miami Springs-Lower wellfield is located between 2.3 and 2.8 miles west-northwest of the site. The Northwest Wellfield is located approximately 10.5 miles west of the site [1,21,22,24].

The Alexander Orr, Jr. WTP is supplied raw water by the Alexander Orr (10 Biscayne aquifer wells), Snapper Creek (4 Biscayne aquifer wells), West (3 Biscayne aquifer and 3 Upper Floridan aquifer storage reservoir [ASR] wells) and Southwest (16 Biscayne aquifer and 2 Upper Floridan aquifer ASR wells) wellfields. These wellfields are located more than 7 miles southwest of the site [1,21,22,24]. A breakdown of the community/non-community, municipal, County and private well systems, by distance, is presented in Table 1.

3.5 Surface Water Pathway

3.5.1 Hydrology

The site is located within the Urban Land Unit. The majority of the Urban Land Unit areas (85%) are covered by impervious man made structures including parking lots, shopping centers, buildings, streets and sidewalks. Soils in open areas, i.e. lawns, vacant lots and playgrounds, are generally classified as Undorthents. These soils have been altered by land grading activities and usually are covered with approximately 18 inches of stony, loamy fill material. The site area is relatively flat and is situated approximately 5 feet above mean sea level (msl) [1,23] (Figure 1). The FPLP site is located within a 100-year flood prone zone [1,25] (Figure 1). Stormwater runoff from the site is likely conveyed to the adjacent Miami Canal (Canal C-6) located near the southwest corner of the site. The Miami Canal turns into the Miami River downstream of the site. The Miami River and lower portions of the Miami Canal are both subject to tidal influence. A salinity control structure (S-26) is located upstream of the site near the 36th Street Bridge [18,26,31]. The Miami River discharges into Biscayne Bay approximately 5 miles downstream of the site. Biscayne Bay is connected to the Atlantic Ocean via the Government and Norris Cuts. These cuts are located approximately 3.6 miles east of the Miami River's outfall to the Bay [1,18,30].

3.5.2 Surface Water Targets

No drinking water intakes are located along the surface water migration pathway [1,21]. Recreational "cane pole" fishing likely occurs along lower stretches of the Miami Canal and the Miami River. Biscayne Bay is part of the Intracoastal waterway and is used for sportfishing and commercial fishing. An estimated 1,647,966 pounds of finfish, shellfish and shrimp were harvested from Dade County estuarine and coastal waters in 1990 [27]. Some of the species harvested from Biscayne Bay include: grouper, snapper, tarpon, snook and mullet. The Biscayne Bay Aquatic Preserve is habitat for a number of federally and/or state designated endangered/threatened species. Some of these species include: the Atlantic green turtle, Atlantic loggerhead turtle, Atlantic Leatherback turtle, Atlantic ridley turtle and the Florida grasshopper sparrow. Biscayne Bay and adjoining canals, rivers and lakes have been designated by the U.S. Fish and Wildlife Service as critical habitats for the endangered West Indian manatee [1,18,19,20,28,30]. Manatees have been reported in the Miami River [18,19,28].

3.6 Soil Exposure and Air Migration Pathways

3.6.1 Physical Conditions

This site is now apparently used for shipping and cargo operations. However, for at least 25 years, secondary lead smelting took place at this site. As a result, lead concentrations in surface soils may exceed 1% near the former smelter location. The site is currently covered by impervious surface. Access to the site is restricted by a fence [34,35,37,38,39,40,41,46].

3.6.2 Soil Exposure and Air Migration Targets

A small worker population likely exists on-site. However, no residential population or terrestrial sensitive environments are reported on-site [1,18,19,35]. The areas of Hialeah and Miami are heavily populated. The City of Miami has a population density of 10,357 people per square mile [6]. Based on 1990 Tiger Database Census data, there are 398,392 people living within 4 miles of the site [32]. As indicated in section 3.5.2, a number of sensitive environments have been identified within 4 miles of the site.

4.0 FIELDWORK SAMPLING INFORMATION

The Former Pure Lead Products Site Inspection field work was conducted from June 23 to 26, 2003. Additional soil sampling was conducted on February 5, 2004. The participants included FDEP Site Screening Superfund staff, the FDEP contractor, PBS&J; and USBiosystems (PBS&J subcontractor). The rationale for the sample locations are presented in Table 2.

4.1 Soil Samples

A total of fourteen soil samples were collected from Former Pure Lead Products site as shown in Figure 4. Seven soil samples were collected from the surface to 1-foot below land surface (bls) (PL-SS-01 through PL-SS-03 and PL-SS-05 through PL-SS-08) and Seven samples were collected from 3 to 4 feet bls (PL-SB-01 through PL-SB-03 and PL-SB-05 through PL-SB-08). Soil samples PL-SS-01 and PL-SB-01 were collected at a background location west of the site near the railroad track spur. The planned sample (PL-SS-04/PL-SB-04) could not be collected due to underground obstructions.

Soil samples were collected utilizing a stainless steel hand auger and homogenized in a stainless steel mixing bowl. For QA/QC purposes, a soil sampling equipment rinsate blank, a duplicate sample, and matrix spikes were collected. Soil samples were analyzed for Volatile Organic Compounds (EPA Method 8260), Semi-Volatile Organic Compounds (EPA Method 8270), Pesticides and PCBs (EPA Method 8080), Metals (EPA Method 6010), Cyanide (EPA Method 335.2) and Mercury (EPA Method 245.5).

In February 2004, additional samples were collected for the purpose of RCRA hazardous waste characterization. Additional soil samples were collected from 0 to 1-foot bls and from 3 to 4 feet bls near the previous soil sample locations PL-SS-02, PL-SS-03, and PL-SS-05. The samples were analyzed for total and TCLP Lead. In addition, soil sample SS-05 was analyzed for total and TCLP Arsenic.

4.2 Groundwater Monitoring Well Installation

Monitoring wells PL-MW-01 through PL-MW-05 were installed using a direct-push rig. The locations are shown in Figure 4. The monitoring wells were installed to a maximum depth of approximately 15 feet with 10 feet of slotted well screen set to intercept the water table surface.

The monitoring wells were constructed of one-inch diameter Schedule 40 polyvinyl chloride (PVC) with protective aboveground casings. A silica sand filter pack was installed surrounding the well screens followed by a bentonite seal and cement grouted to the surface. The monitoring wells were developed with a peristaltic pump to remove fine-grained sediment ensuring a good hydraulic connection with the underlying aquifer. The monitoring wells were installed by a Florida-licensed water well driller.

4.3 Groundwater Samples

Groundwater samples were collected from the five monitoring wells. Groundwater sample PL-MW-01 was collected in order to establish control conditions. The depth to water, conductivity, pH, temperature, turbidity, and dissolved oxygen were measured and recorded in the field during purging. Purging was conducted utilizing a low flow peristaltic pump to minimize, to the extent possible, the introduction of particulate matter into the well.

Groundwater samples were collected using a peristaltic pump/vacuum jug and decontaminated Teflon tubing. For QA/QC purposes, one equipment blank, matrix spike samples, and one trip blank were analyzed. Groundwater samples were analyzed for Volatile Organic Compounds (EPA Method 624), Semi-Volatile Organic Compounds (EPA Method 625), Pesticides and PCBs (EPA Method 608), Metals (EPA Method 200.7), Cyanide (EPA Method 335.2), and Mercury (EPA Method 245.2).

4.4 Investigation Derived Wastes

Field investigation activities resulted in the production of potentially contaminated waste materials that required off-site disposal. Development and purge water was placed in 55-gallon drums and staged at a predetermined area prior to being transported off-site for disposal.

4.5 Laboratory Analyses

All samples were analyzed at the U.S. Environmental Protection Agency's Contract Laboratories in accordance with procedures established in CompQAP No. 870688G and quality assurance procedures established specifically for site investigations as specified in DEP QA-00192 and EPA SOP.

5.0 ASSESSMENT RESULTS

The analytical results of the samples collected during this SI were compared to background concentrations in accordance with EPA's Superfund Site Assessment criteria. In addition, the soil samples concentrations were compared to cleanup levels contained in the Contaminant Cleanup Target Levels chapter 62-777, Florida Administrative Code (F.A.C.) and the groundwater results were compared with Federal Maximum Contaminant Levels (MCLs) for drinking water supplies and State groundwater standards in Chapter 62-550 FAC (see note 1).

Results from the Former Pure Lead Products Site Inspection are presented in Tables 3 through 5. Laboratory analytical reports are provided in Appendix A.

5.1 Soil Data

Analytical results of the collected soil samples exceeded FDEP and/or USEPA screening criteria for antimony, arsenic, barium, copper, lead, vanadium, two Polynuclear Aromatic Hydrocarbons and PCB-1260. With the exception of PL-SS-02, arsenic concentrations exceeded federal and state screening criteria in all the collected soil samples at concentrations ranging from 1.2 mg/kg to 18 mg/kg. Background levels of arsenic were exceeded by three times in samples PL-SS-03, PL-SB-03, PL-SS-05, PL-SB-05, PL-SS-06, PL-SS-07, PL-SB-07, and PL-SS-08. Arsenic concentrations exceeded FDEP Soil Cleanup Target Levels (SCTLs) for industrial use scenarios (3.7 mg/kg) in PL-SS-03 (6.1 mg/kg), PL-SB-03 (6 mg/kg), PL-SS-05 (16 mg/kg), PL-SB-05 (9.3 mg/kg), PL-SS-06 (5.2 mg/kg), PL-SS-07 (8.2 mg/kg), PL-SB-07 (18 mg/kg), and PL-SS-08 (28 mg/kg).

Antimony concentrations ranging from 14 mg/kg to 2,700 mg/kg exceeded federal and state screening criteria and three times the background concentration in samples PL-SS-02 through PL-SS-08 and PL-SB-02 through PL-SB-08. Antimony concentrations exceeded FDEP Soil Cleanup Target Levels (SCTLs) for industrial use scenarios (240 mg/kg) in PL-SS-03 (340 mg/kg), PL-SS-05 (2700 mg/kg), PL-SB-05 (740 mg/kg), PL-SB-07 (480 mg/kg), and PL-SS-08 (950 mg/kg).

Barium concentrations were 180 mg/kg in both PL-SB-07 and PL-SS-08. These concentrations exceeding SCTLs using residential use assumptions (110 mg/kg), but did not exceed SCTLs based on industrial use assumptions (8,700 mg/kg). Copper concentrations in PL-SS-06 (160 mg/kg), PL-SB-07 (120 mg/kg), and PL-SS-08 (500 mg/kg) also exceed residential but not industrial (76,000 mg/kg) SCTls.

Lead concentrations ranging from 550 mg/kg to 50,000 mg/kg exceeded federal and state screening criteria and three times the background concentration in samples PL-SS-03 through PL-SS-08 and PL-SB-02 through PL-SB-08. Lead concentrations exceeded FDEP Soil Cleanup Target Levels (SCTLs) for industrial use scenarios (920 mg/kg) in PL-SB-02 (1100 mg/kg), PL-SS-03 (7500 mg/kg), PL-SB-03 (8100 mg/kg), PL-SS-05 (50000 mg/kg), PL-SB-05 (7500 mg/kg), PL-SS-06 (12000 mg/kg), PL-SB-06 (16000

mg/kg) PL-SS-07 (9300 mg/kg), PL-SB-07 (15000 mg/kg), and PL-SS-08 (48000 mg/kg).

The vanadium concentration in PL-SB-07 (17 mg/kg) slightly exceeded the FDEP residential SCTL, but not the SCTL based on industrial use (7,400 mg/kg).

Volatile Organic Compounds (VOCs) and Polynuclear Aromatic Hydrocarbons (PAHs) were also detected in the soil samples collected at the facility. Benzo(a)pyrene concentrations exceeded federal and state screening criteria in PL-SB-01, PL-SS-07, and PL-SS-08; however, three times the background value was only observed in sample PL-SS-08. In sample PL-SB-02, Dibenzo(a)anthracene also exceeded the screening criteria, but did not exceed three times the background concentration. PCB-1260 concentrations in PL-SS-08 (0.66 mg/kg) exceeded residential SCTLs (0.5 mg/kg) but not industrial (2.1 mg/kg). Other VOCs, PAHs, and pesticides were also detected at levels below screening criteria.

Table 3 lists the parameters that were detected in at least one sample, the screening criteria, and the analytical results of the detected constituents. Analytical results of detected constituents exceeding screening criteria are presented in Figures 5 and 6.

The analytical results from the supplemental sampling are summarized on Figure 7. The results indicated that RCRA hazardous waste criteria based on leachability for lead (5 mg/l) were exceeded in samples PL-SS-02 (48 mg/l), PL-SS-03 (20 mg/l), and PL-SB-05 (270 mg/l).

5.2 Groundwater Data

5.2.1 Groundwater Field Parameters

At the Former Pure Lead Products site, groundwater field parameters were measured in the field during purging of the groundwater monitoring wells prior to collection of samples for laboratory analyses. Table 4 includes the final results of the field measurements for pH, specific conductance, temperature, dissolved oxygen and turbidity. Groundwater sampling data sheets are provided in Appendix B.

5.2.2 Groundwater Analytical Results

FDEP and USEPA screening criteria were exceeded for aluminum and antimony in the samples collected from the onsite monitoring wells. Federal and state Secondary Maximum Contaminant Levels (SMCLs) for aluminum (0.2 mg/l) were exceeded in PL-MW-04 (0.28 mg/l).

Antimony concentrations in samples collected from PL-MW-03 (0.037 mg/l) and PL-MW-05 (0.037 mg/l) exceeded Federal and state MCLs (0.006 mg/l). Arsenic concentrations in the background well (0.025 mg/l) also exceeding federal (0.01 mg/l) but not state MCLs (0.05 mg/l). Arsenic was not detected in any of the groundwater samples collected from the onsite wells

The analytical results of the detected parameters are summarized on Table 5 and shown on Figure 8.

[1]Note: Levels contained in Chapter 62-777, FAC only apply to the cleanup of contaminated sites governed by this statute. The Federal MCLs are only applicable to drinking water supplies, and the standards in Chapter 62-550 only apply to specific groundwater classifications.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Analyses of samples collected during the site inspection indicated that a release of hazardous substances attributable to the former operations of the Former Pure Lead Products site has occurred.

Soil samples contained antimony, arsenic, and lead at levels that significantly exceeded background concentrations and federal and state screening criteria. Benzo(a)pyrene, and dibenzo(a)anthracene also exceeded screening criteria; however, these compounds are not likely due to the operations at the Former Pure Lead Products site. Groundwater analytical results indicated that release criteria were exceeded in onsite groundwater wells for aluminum and antimony.

The HRS evaluation determined that contamination at the site did not pose a significant threat to the human population, sensitive environments, and/or fisheries; therefore, no further actions under CERCLA appear warranted. Further actions at the site will be overseen by either the Southeast District FDEP or the Miami-Dade Department of Environmental Recourses Management. A meeting has been planned between these regulatory agencies and representatives of the site owner in order to address the concerns identified during this investigation.

7.0 REFERENCES

1. U.S. Geological Survey (USGS). 7.5 minute topographic maps, 1:24,000 scale. Miami, Fla. 1988 (PI 1990), South Miami, Fla. 1988, Key Biscayne Fla. 1988 and Hialeah, Fla. 1988 quadrangles (4-Mile Radius Map).

2. EPA. September 1991. Guidance for Performing Preliminary Assessments under CERCLA. Office of Emergency and Remedial Response EPA 540/G-91/013.

3. Federal Register. December 14, 1990. Part II Environmental Protection Agency 40 CFR Part 300 Hazard Ranking System; Final Rule.

4. EPA. November 1992. The Hazard Ranking System Guidance Manual-Interim Final Office of Solid Waste and Emergency Response.

5. EPA. October 1991. The Revised Hazard Ranking System: Evaluating Sites After Waste Removals. Office of Solid Waste and Emergency Response.

6. U.S. Department of Commerce. August 1991. 1990 Census of Population and Housing Summary Population and Housing Characteristics Florida. Bureau of the Census 1990 CPH-1-11.

7. Visher, F. and G. Hughes. 1975. The Difference Between Rainfall and Potential Evaporation in Florida. Florida Geological Survey Map Series No. 32 (Second Edition).

8. U.S. Department of Commerce. 1961. Rainfall Frequency Atlas of the United States. Technical Paper No. 40. Weather Bureau.

9. U.S. Department of Agriculture. 1958. Soil Survey Dade County Florida. Soil Conservation Service.

10. Sinclair, W. and J. Stewart. 1985. Sinkhole Type, Development, and Distribution in Florida. FGS Map Series No. 110.

11. Copeland, R. (coordinator). 1991. Florida's Groundwater Quality Monitoring Program Hydrogeological Framework. Florida Geological Survey (FGS) Special Publication No. 32.

12. Scott, T. 1988. The Lithostratigraphy of the Hawthorn Group (Miocene) of Florida. FGS Bulletin No. 59.

13. Causaras, C. 1987. Geology of the Surficial Aquifer System, Dade County, Florida. USGS Water Resources Investigations Report 86-4126.

14. Ducan, J. 1993. Geologic Map of Dade County, Florida. Florida Geological Survey (FGS) Open File Map Series No. 67.

15. Schroeder, M., H. Klein and N. Hoy. 1958. Biscayne Aquifer of Dade and Broward Counties, Florida. FGS Report of Investigations No. 17.

16. Fish, J. and M. Stewart. 1991. Hydrogeology of the Surficial Aquifer System, Dade County, Florida. USGS Water Resources Investigations Report 90-4108.

17. Johnson, R. 1992. Lithologic Variation in the Miami Limestone of Florida. FGS Open File Report No. 48.

18. U.S. Fish and Wildlife Service. 1982. 1:250,000-scale map Gulf Coast Ecological Inventory. Miami Florida.

19. Florida Natural Areas Inventory (FNAI). December 20, 2001. FNAI Information within 4-miles of FPLP site, Miami, Florida.

20. Logan, T. August 1, 1997. Florida's Endangered Species, Threatened Species and Species of Special Concern.-Official Lists. Florida Game and Fresh Water Fish Commission.

21. Marella, R. 1990. Public-Supply Water Use in Florida, 1987. U.S.Geological Survey (USGS) Open-File Report 90-596.

22. FDEP. November 2001. PWS Drinking Water Program Latitude/Longitude Range Lookups (within 4 Miles of FPLP site.).

23. U.S. Dept. of Agriculture. 1996. Soil Survey of Dade County Area, Florida Natural Resources Conservation Service.

24. FDEP. Dade County Well System Database Information (MDWSA wellfield information).

25. FEMA. March 2, 1994 (revised) Flood Insurance Rate Map Dade County, Florida & Incorporated Areas Map No. 12025C0180J.

26. Leach, S., H. Klein and E. Hampton. 1972. Hydrologic Effects of Water Control and Management of Southeastern Florida. FGS Report of Investigations No. 60.

27. Florida Dept. of Natural Resources. 1991. Marine Fisheries Information System 1990 Annual Landings Summary-Dade County, Florida.

28. U.S. Fish and Wildlife Service. 1992. Endangered and Threatened Species of the Southeast United States (The Red Book). Division of Endangered Species, Ecological Services.

29. Spencer, S. and E. Lane. 1995. Florida Sinkhole Index. FGS Open FileReport 58.

30. Florida DOT. September 1972 (revised July 1978) General Highway Map Dade County Florida.

31. Price, C. J. Woolverton & K. Overton. 2000. Water Resources DataFlorida Water Year 2000. USGS Water Data Report FL-00-2A.

32. FDEP. December 20, 2001. Population Tiger Database Lookup within 4 miles of FPLP site.

33. Dick, B. of EPA to E. Nuzie of FDEP, et al. December 3, 2001. E-mail regarding prescreening dufunct lead smelter sites in Florida

34. Murchison, N of FDEP. November 5, 2001. Pre-CERCLIS Screening Assessment Checklist/Decision Form for Former Pure Lead Products Inc. site.

35. Murchison, N of FDEP. December 9, 2001. Windshield Survey- Former Pure Lead Products Inc. site.

36. EPA Superfund website. www.epa.gov/superfund CERCLIS Hazardous Waste Sites-Former Pure Lead Products, Miami, Dade Co., Florida and ROD Abstract RSR Corp. Dallas, Texas.

37. ABC website. December 6, 2001. abcnews.go.com Lead-Filled Lots Study Says Potentially Toxic Sites Unlisted article.

38. Polk's City Directory. 1949. Page 827 (Pure Lead Products listing).

39. Eckel, W. MS, M. Rabinowitz PhD. and G. Foster, PhD. April 2001. Discovering Unrecognized Lead-Smelting Sites by Historical Methods (abstract). American Journal of Public Health, Volume 91, No. 4.

40. Eckel, W. Doctoral Thesis excerpt regarding Former Lead Smelting sites. Supplementary Material Appendix A: Battery Lead Smelters and Appendix B: Babbitt Metal and Solders Smelters George Mason University, Fairfax, Va.

41. Florida Department of State, Division of Corporations web site. www.sunbiz.org. Public Inquiry: Zila Shipping Cargo Service, Inc., Lead Enterprises and Pure Lead Products.

42. U.S. Dept. of Health and Human Services. July 1999. Toxicological Profile for Lead. Agency for Toxic Substances and Disease Registry. Prepared by: Research Triangle Institute.

43. Microsoft TerraServer. USGS Aerial Photograph-Miami, Florida January 15, 1994-General area of Former Pure Lead Products site.

44. Center for Hazardous Material Research. April 26, 2002. Web site: http//www.clu-in.org/Products/Site/complete/chmrsmlt.htm. Smelting Lead-Containing Waste.

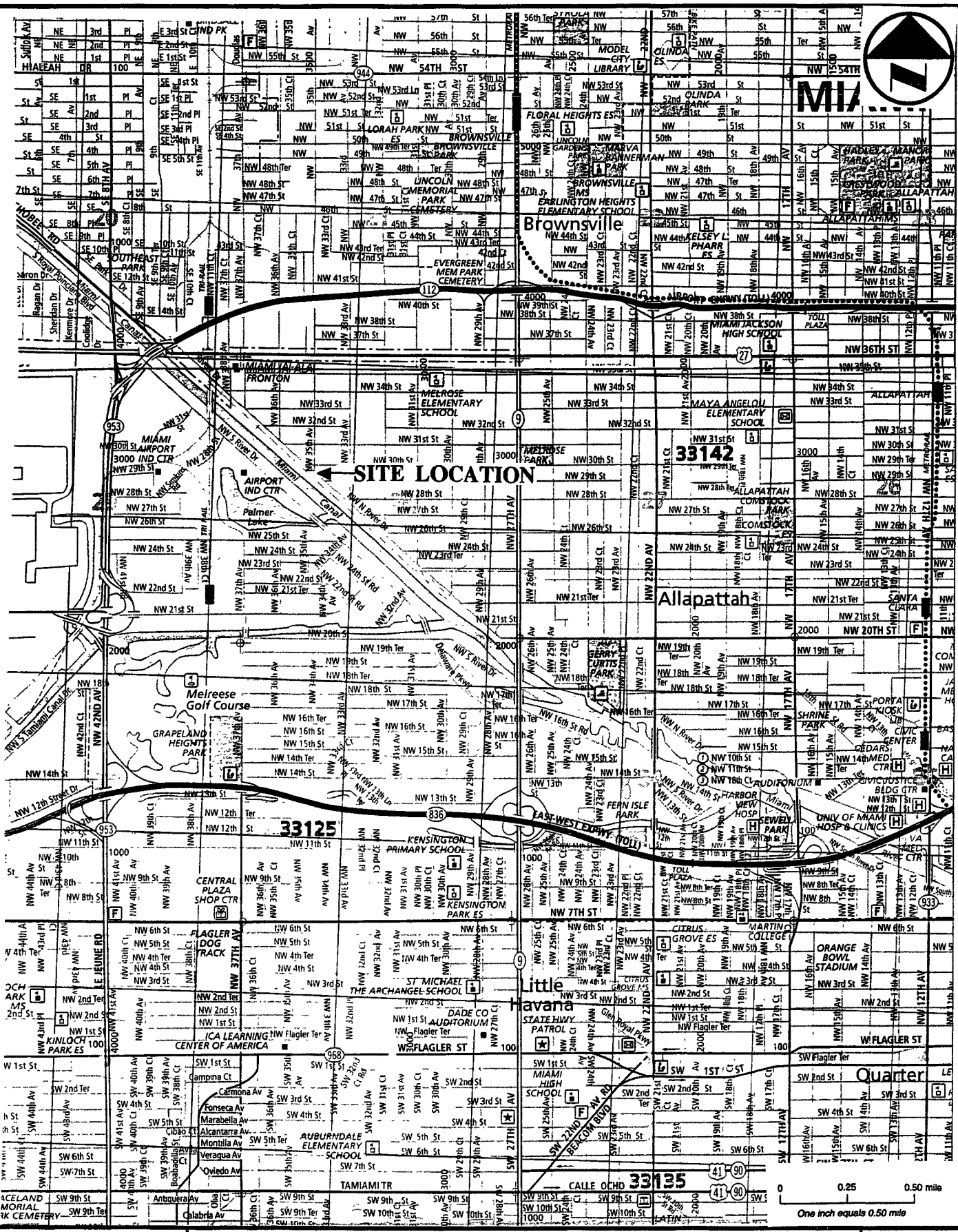
44. Letter from Mrs. Edna Cox to Jesus Diaz, Florida Department of Environmental Protection. June 5, 2003.

45. Interim Remedial Action/ Limited Contamination Assessment Report-Catch Basins 1 and 3 Miami Haiti Terminal, Inc. (HWR-539/File-19360) prepared by Tierra Consulting Group, Inc., May 14, 2003.

46. Site Inspection Work Plan. Pure Lead Products, Miami, Florida. Prepared for Florida Department of Environmental Protection by PBS&J, June, 2003.

IMAGE QUALITY

AS YOU VIEW THE FOLLOWING DOCUMENT, PLEASE NOTE THAT PORTIONS OF THE ORIGINAL WERE OF POOR QUALITY



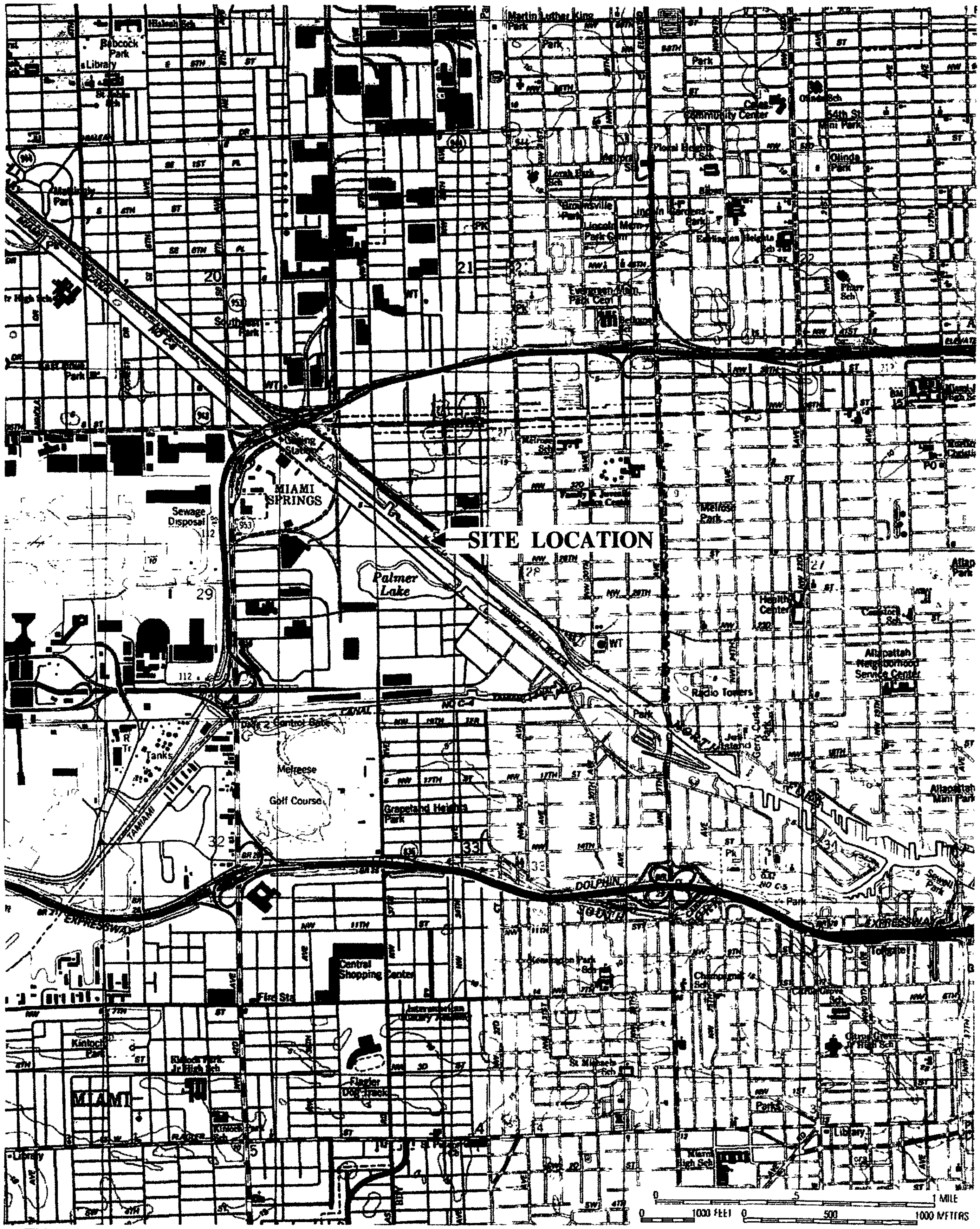
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FORMER PURE LEAD PRODUCTS

AREA LOCATION MAP

FIGURE 1



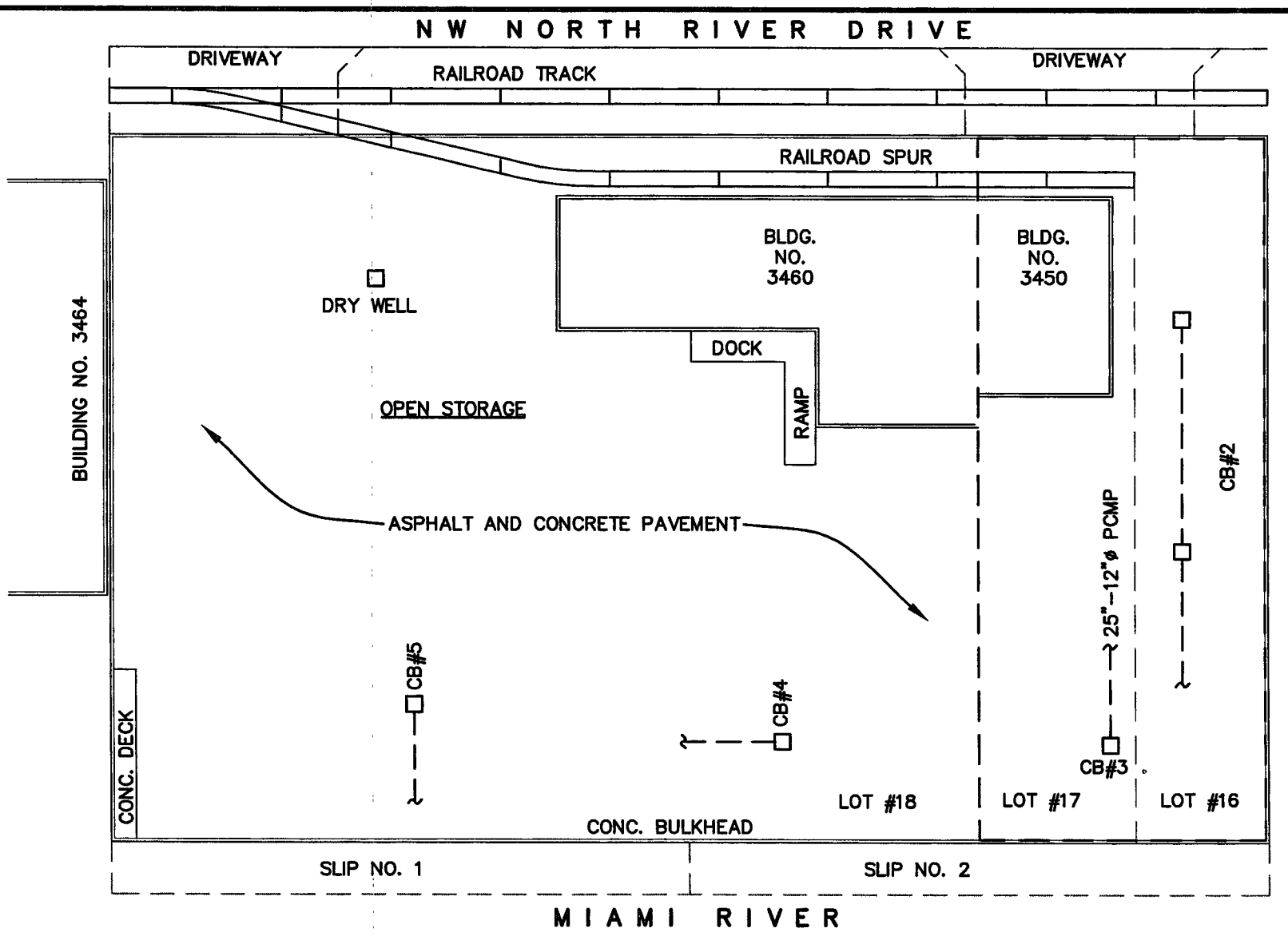
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FORMER PURE LEAD PRODUCTS

USGS SITE LOCATION MAP

FIGURE 2

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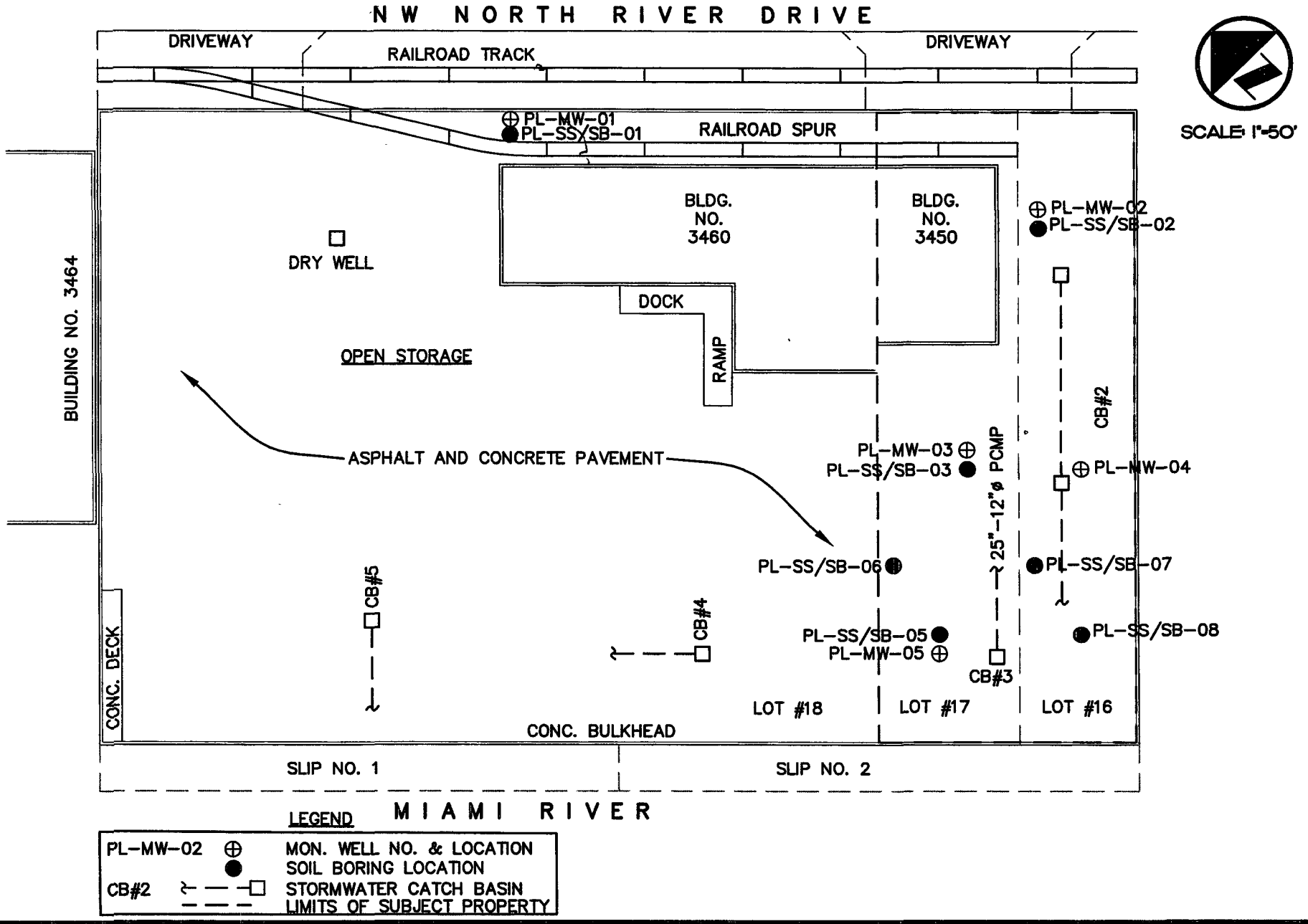
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FORMER PURE LEAD PRODUCTS

SITE PLAN

FIGURE 3

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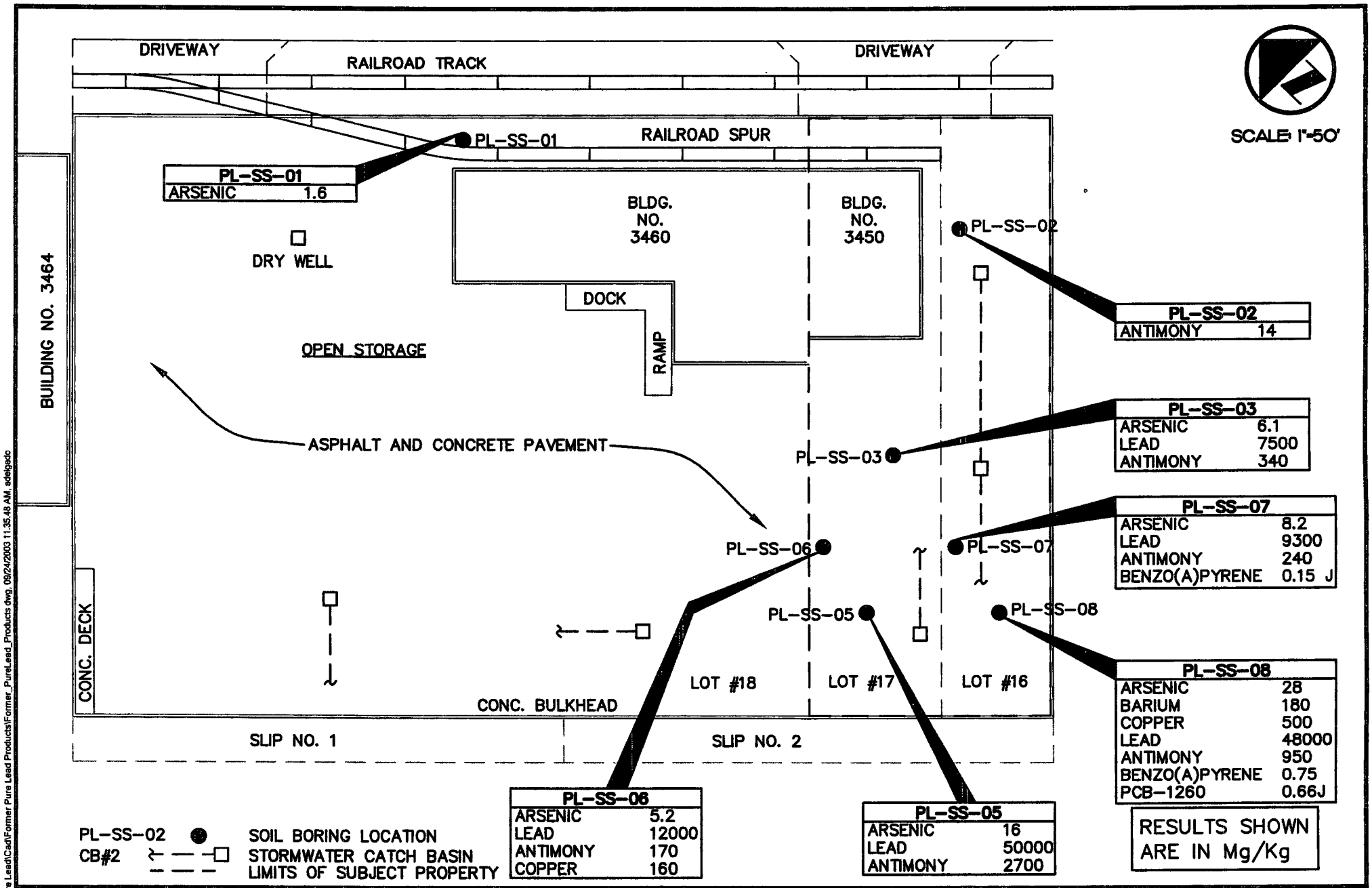
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FORMER PURE LEAD PRODUCTS

SAMPLE LOCATIONS

FIGURE 4

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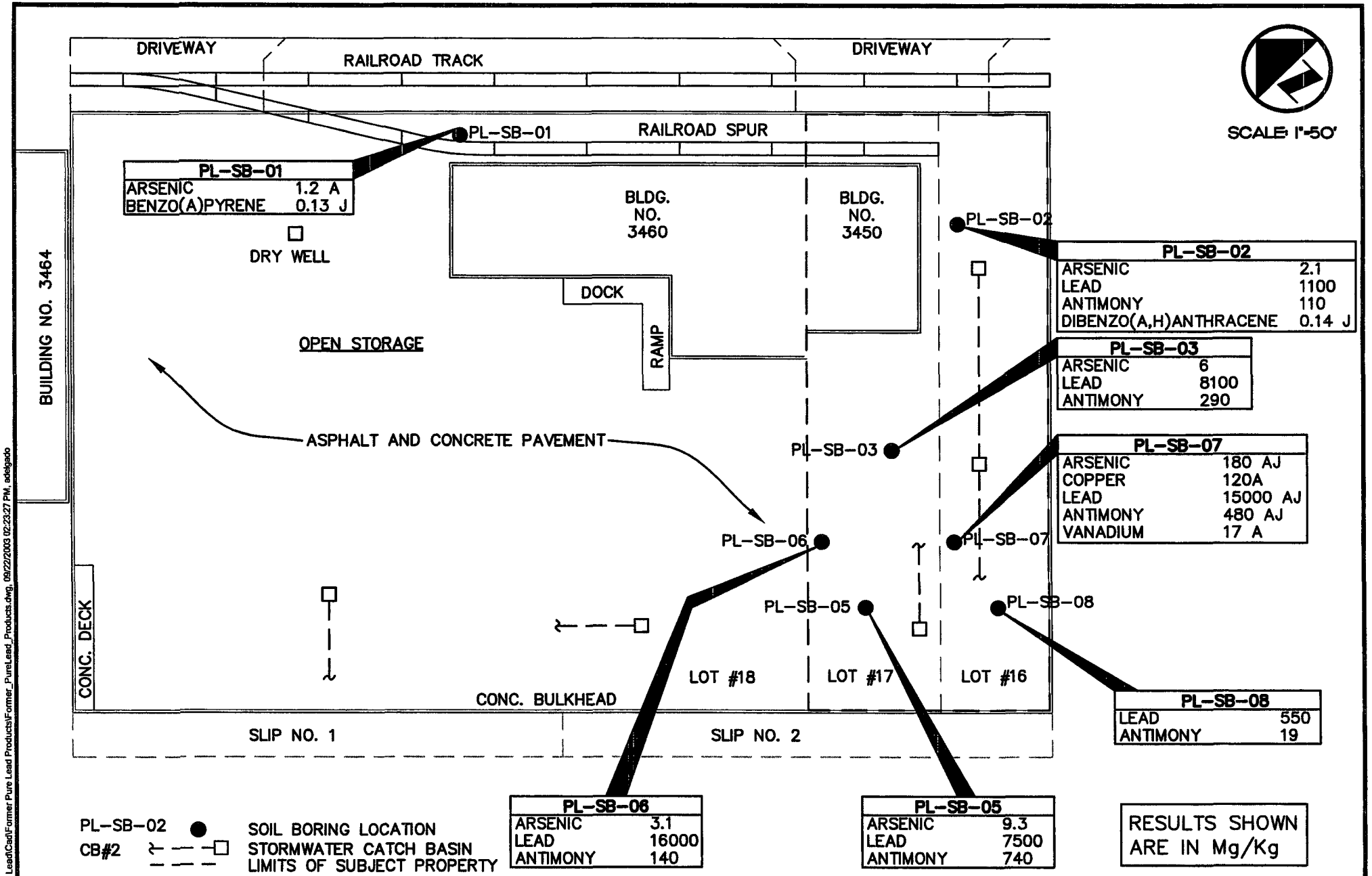
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FORMER PURE LEAD PRODUCTS

SOIL ANALYTICAL RESULTS EXCEEDING SCREENING CRITERIA (0-1-FOOT BLS)

FIGURE 5

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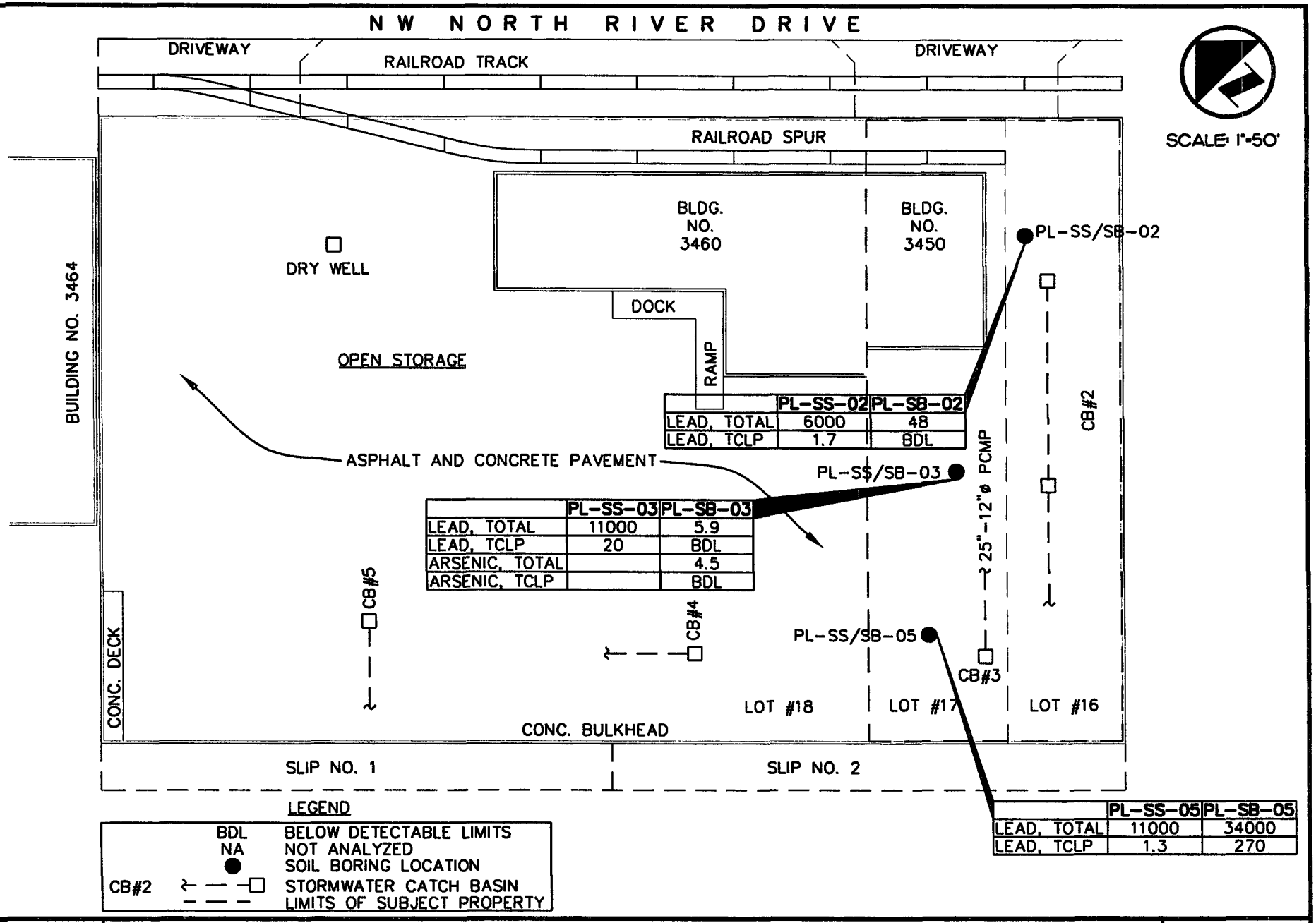
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FORMER PURE LEAD PRODUCTS

SOIL ANALYTICAL RESULTS EXCEEDING SCREENING CRITERIA (3-4 FEET)

FIGURE 6

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	PL-SS-02	PL-SB-02
LEAD, TOTAL	6000	48
LEAD, TCLP	1.7	BDL

	PL-SS-03	PL-SB-03
LEAD, TOTAL	11000	5.9
LEAD, TCLP	20	BDL
ARSENIC, TOTAL		4.5
ARSENIC, TCLP		BDL

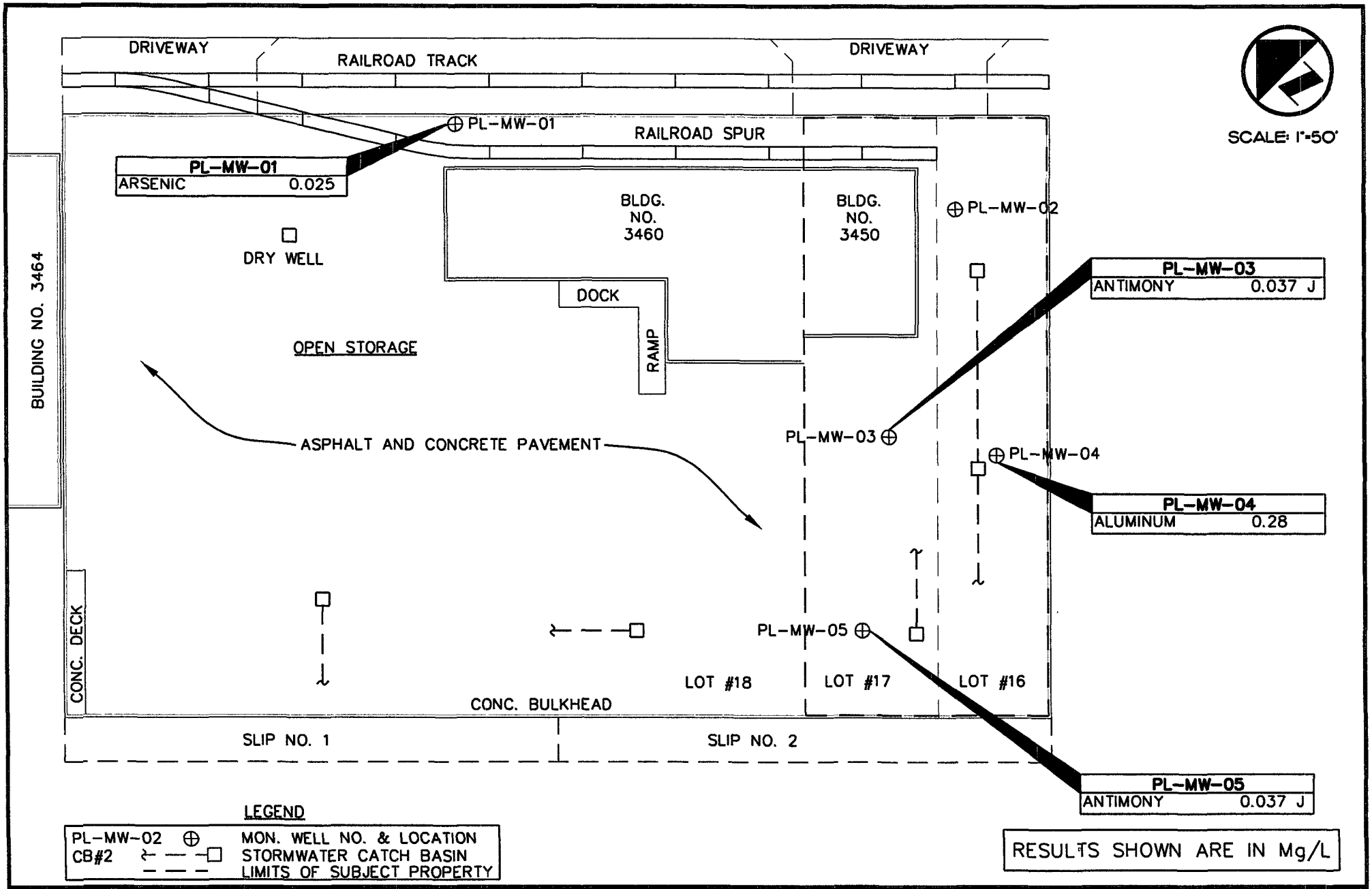
	PL-SS-05	PL-SB-05
LEAD, TOTAL	11000	34000
LEAD, TCLP	1.3	270

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FORMER PURE LEAD PRODUCTS

SUPPLEMENTAL SAMPLE RESULTS

FIGURE 7



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FORMER PURE LEAD PRODUCTS

GROUNDWATER ANALYTICAL RESULTS EXCEEDING SCREENING CRITERIA

FIGURE 8

TABLE 1

Estimated Number of Potable Wells and Population Served Within 4 Miles of Site

Site Inspection
Former Pure Lead Products
Miami, Dade County Florida

Number of Wells/ Population Served in Radius

Well Type	0-0.25 Mile	0.25-0.5 Mile	0.5-1.0 Mile	1-2 Miles	2-3 Miles	3-4 Miles
Municipal	0/0	0/0	0/0	0/0	0/0	0/0
County[1]	0/0	0/0	0/0	0/0	18/545,454	10/303,030
Community/ Non-Community	0/0	0/0	0/0	0/0	0/0	0/0
Private	NE	NE	NE	NE	NE	NE
TOTAL	**0/0**	**0/0**	**0/0**	**0/0**	**18/545,454**	**10/303,030**

NE=Not Evaluated

[1]MDWSA-Main System. Water for this system is provided by wells open to the Biscayne Aquifer. A number of upper Floridan Aquifer aquifer storage reservoir (ASR) wells also exist. The Hialeah and Preston WTPs are provided raw water from the Northwest (15 wells), Hialeah/ Preston (8 wells) and Miami Springs [Upper & Lower] (20 wells). The Hialeah/Preston wellfield is situated between 2.7 and 3 miles northwest of the site. The Miami Springs-Upper wellfield is located between 2.9 and 3.9 miles northwest of the site while the Miami Springs-Lower wellfield is located between 2.3 and 2.8 miles west-northwest of the site. The Northwest Wellfield is located approximately 10.5 miles west of the site. The Alexander Orr, Jr. WTP is supplied raw water by the Alexander Orr (10 Biscayne aquifer wells), Snapper Creek (4 Biscayne Aquifer wells), West (3 Biscayne Aquifer and 3 Upper Floridan aquifer/ASR wells) wellfields, and Southwest (16 Biscayne aquifer and 2 Upper Floridan aquifer/ASR wells). However, these wellfields are located more than 7 miles southwest of the site. Since both systems supply water to each other, the MDWSA main system was evaluated as a single combined system. There are 66 wells open to the Biscayne Aquifer in the MDWSA main system. The Upper Floridan ASR wells were not included in the apportionment calculation. The two systems serve approximately 2,000,000 people Therefore, 2,000,000 people/66 wells = 30,303 people per well [1,4,21,22,24].

Table 2
Sample Locations and Rationale

Sample Type	Sample Designation	Location	Rationale
Soil	PL-SS-01 (0'-1')	West of Site	Background Location
	PL-SB-01 (3'- 4')	West of Site	Background Location
	PL-SS-02 (0'- 1')	Northern part of site	Potential source area
	PL-SB-02 (3'- 4')	Northern part of site	Potential source area
	PL-SS-03 (0'- 1')	South of warehouse	Potential source area
	PL-SB-03 (3'- 4')	South of warehouse	Potential source area
	PL-SS-05 (0'- 1')	Southern part of site	Potential source area
	PL-SB-05 (3'- 4')	Southern part of site	Potential source area
	PL-SS-06 (0'- 1')	Western part of site	Potential source area
	PL-SB-06 (3'- 4')	Western part of site	Potential source area
	PL-SS-07 (0'- 1')	Central part of site	Potential source area
	PL-SB-07 (3'- 4')	Central part of site	Potential source area
	PL-SS-08 (0'- 1')	Southeast side of site	Potential source area
	PL-SB-08 (3'- 4')	Southeast side of site	Potential source area
Groundwater	PL-MW-01	West of site (to be determined in the field)	Background Location
	PL-MW-02	Northern part of site	Potential source area
	PL-MW-03	South of warehouse	Potential source area
	PL-MW-04	Eastern part of site	Potential source area
	PL-MW-05	Southern part of site	Potential source area
QA/QC Samples	PL-SS-EB	Collected in field after de-contamination of soil sampling equipment	Soil sampling equipment rinsate blank
	PL-SS-Spike	Collected at PL-SS-01 background location	Soil matrix spike and matrix spike duplicate
	PL-SS-02 Dup	Collected at PL-SS-02 location	Duplicate soil sample
	PL-GW-EB	Collected in field after groundwater sampling equipment decontamination	Groundwater sampling equipment blank
	PL-GW-TB	Placed in cooler with samples	Trip blank
	PL-GW-Spike	Collected at SL-GW-01 background location	GW matrix spike, Matrix spike duplicate

PL =Pure Lead Products Site GW = Groundwater Sample EB = Equipment Blank
Dup = Duplicate TB = Trip Blank SB = Soil Boring Sample
SS = Surface Soil Sample

TABLE 3

Summary of Laboratory Results for Soil Samples
Exceeding Detection Limits

Former Pure Lead Products

Parameters - Milligrams per Kilogram (mg/kg)

ANALYZED COMPOUNDS	SCREENING CRITERIA					SOIL SAMPLE NUMBER														
	FDEP [1] SCTL			USEPA PRGs[2] EPA Region IX																
	Direct Exposure		Leachability based on:	HQ=0.1																
	Residential (mg/kg)	Industrial (mg/kg)	Groundwater Criteria (mg/kg)	Residential (mg/Kg)	Industrial (mg/Kg)	SS-01 BACK GROUND	SB-01 BACK-GROUND	SS-02	SS-02 Duplicate	SB-02	SS-03	SB-03	SS-05	SB-05	SS-06	SB-06	SS-07	SB-07	SS-08	SB-08
INORGANICS																				
Arsenic	0 8	3.7	29	22	260	1.6	1.2 A			2.1	6.1	6	16	9.3	5.2	3.1	8.2	18 AJ	28	12
Barium	110	87000	1600	5400	67000	15	5.9 A	12	12	94	75	55	38	30	41	43	59	180 AJ	180	5
Cadmium	75	1300	8	37	450	0.96	0.5 U				1.4	1.2	1.4	2.4	3		2	2.8 AJ	3.8	
Chromium (total)	NS***	NS***	NS***	210***	450***	7.1	3.8 A	5.6	7.8	6.6	11	5.6		12	12		10	16 A	25	3.5
Copper	110	76000	#	3100	41000	33	8 2 A	2.2	3.9		58	18	88	98	160	36	95	120 A	500	11
Nickel	110	28000	130	1600	20000	5 U	4 U				35			13	20			20 A		1.6
Lead	400	920	#	400	750	140	22 A	130	200	1100	7500	8100	50000	7500	12000	16000	9300	16000 AJ	48000	1650
Antimony	26	240	5	31	410	4	1.2 A	14	24	110	340	290	2700	740	170	140	240	480 AJ	950	19
Tin	44000	660000	#	47000	100000	12 U	10 U			62	66			51	180		72	220 AJ	350	
Strontium	47000	*	NS	47000	100000	630	910 A	200	310	1800	690	280	390	660	450	170	1600	1400 A	390	800
Titanium	NS	NS	NS	NS	NS	46	6 6 A	3.4	4.5	11	25	13		21	18		45	90 AJ	55	5.4
Vanadium	15	7400	980	550	7200	5.2	2.5 A	1.3	2		8.8	9.1		6.2	8.5		8.1	17 A		1.7
Yttrium	NS	NS	NS	NS	NS	2.4	1.6 A	2.9	3.9	4 2	3.7									1.6
Zinc	23000	560000	6000	23000	100000	180	44 A	22	40	210	360	550	340	410	600	150	420	600 A	720	41
Mercury	3 4	26	2.1	6.1****	62****	0.098 U	0.1 U				0.34	0.17	0.22	0.18	0.22		0.21	0.12	0.25 A	
Aluminum	72000	*	#	7600	100000	1100	430 A	1300	1700	1400	1800	1800	1100	1100	1600	750	1600	2300 AJ	1900	740
Manganese	1600	22000	#	1800	19000	32	10 A	2.2	3.5	16	31			27	27		46	120 AJ	98	5.8
Calcium	NS	NS	NS	NS	NS	200000	180000	15000	25000	180000	110000	44000	59000	110000	69000	20000	220000	180000 A	81000	84000
Magnesium	NS	NS	NS	NS	NS	1600	880 A	75	100		740			740			1100			230
Iron	23000	480000	#	23000	100000	2200	910 AJ	320	470	2300	6400	1100	3700	5200	5100	1300	8000	17000 A	17000	870
VOLATILE ORGANICS																				
Acetone	780	5500	2 8	1600	6000	0.015 U	0.085				0.12	0.1			0.13	0.063	0.096			
Carbon Disulfide	200	1400	5.6	360	720	0.012 U	0.012 U				0.00058 J				0.002		0.00096 J			
Cyclohexane	68000	510000	150	140	140	0.012 UJ	0.012 UJ											0.00084 AJ		
Ethyl Benzene	1100	8400	0.6	8.9	20	0.012 U	0.012 U										0.00076 J			
Isopropylbenzene (Cumene)	160	1100	0.2	160	520	0.012 U	0.012 U				0.0014	0.0025		0.0017						
p-Isopropyltoluene	NS	NS	NS	NS	NS	0.012 U	0.012 U								0.0042					
Methyl Ethyl Ketone	3100	2100	17	7300	27000	0.015 U	0.015 U								0.021					
Methylcyclohexane	NS	NS	NS	2600	8700	0.012 U	0.012 U											0.0012 A		
tert-Butylbenzene	NS	NS	NS	390	390	0.012 U	0.012 U				0.0016	0.0041								
1,2,4-Trimethybenzene	NS	NS	0.3	5.2	170	0.012 U	0.012 U				0.00069 J				0.0012					
sec-Butylbenzene	NS	NS	NS	220	220	0.012 U	0.012 U				0.003	0.014								
n-Butylbenzene	NS	NS	NS	240	240	0.012 U	0.012 U										0.00064 J			
n-Propylbenzene	NS	NS	NS	240	240	0.012 U	0.012 U										0.00087 J			
Toluene	380	2600	0.5	520	520	0.012 U	0.012 U							0.00056 J			0.00097 J			

TABLE 3

Summary of Laboratory Results for Soil Samples
Exceeding Detection Limits

Former Pure Lead Products

Parameters - Milligrams per Kilogram (mg/kg)

ANALYZED COMPOUNDS	SCREENING CRITERIA					SOIL SAMPLE NUMBER														
	FDEP [1] SCTL			USEPA PRGs[2] EPA Region IX																
	Direct Exposure		Leachability based on:	HQ=0.1																
	Residential (mg/kg)	Industrial (mg/kg)	Groundwater Criteria (mg/kg)	Residential (mg/Kg)	Industrial (mg/Kg)	SS-01 BACK GROUND	SB-01 BACK-GROUND	SS-02	SS-02 Duplicate	SB-02	SS-03	SB-03	SS-05	SB-05	SS-06	SB-06	SS-07	SB-07	SS-08	SB-08
SEMI-VOLATILE ORGANICS																				
Anthracene	18000	260000	2500	22000	100000	0.4 U	0.39 U												0.058 J	
Benzaldehyde	2100	18000	4.8	6100	620000	0.4 U	0.39 U						0.037 J	0.05 J			0.042 J		0.084 J	
Benzo(a)Anthracene	1.4	5	3.2	0.62	2.1	0.4 U	0.39 U						0.04 J		0.043 J		0.15 J	0.091 J	0.092 J	
Benzo(b)Fluoranthene	1.4	4.8	10	0.62	2.1	0.085 J	0.071 J			0.044 J	0.05 J	0.063 J	0.061 J	0.045 J	0.070 J		0.17 J	0.1 J		
Benzo(k)Fluoranthene	15	52	25	6.2	21	0.051 J	0.075 J			0.043 J	0.043 J	0.042 J	0.049 J	0.052 J	0.065 J		0.15 J	0.11 J		
Benzo(ghi)Perylene	2300	41000	32000	NS	NS	0.19 J	0.15 J			0.14 J	0.084 J	0.075 J	0.12 J	0.069 J	0.058 J	0.043 J	0.098 J	0.091 J		
Benzo(a)Pyrene	0.1	0.5	8	0.062	0 21	0.06 J	0.13 J			0.094 J	0.053 J	0.045 J	0.052 J	0.052 J	0.044 J		0.15 J	0.093 J	0.75	
bis(2 Ethylhexal) Phthalate	76	2000	3600	35	120	0.4 U	0.39 U												1	
Caprolactam				31000	100000	0.4 U	0.39 U				0.079 J									
Chrysene	140	450	77	NS	NS	0.059 J	0.39 U				0.044 J		0.059 J	0.04 J	0.065 J		0.18 J	0.11 J	0.33 J	
Dibenzo(a h)Anthracene	0 1	0.5	30	0.062	0.21	< 0.4	0.13 J			0.14 J										
Dibenzofuran	280	5000	15	290	3100	0.4 U	0.39 U												0.046 J	
Fluoranthene	2900	48000	1200	NS	NS	0.058 J	0.39 U						0.056 J	0.048 J	0.065 J		0.27 J	0.2 J	0.23 J	
Indeno(1,2,3-cd)Pyrene	1 5	5.3	28	NS	NS	0.4 U	0.15 J			0.14 J		0.046 J	0.049 J		0.04 J		0.083 J	0.064 J		
2 MethylNapthalene	80	560	6.1	NS	NS	0.4 U	0.39 U						0.05 J						0.52	
Naphthalene	40	270	1.7	56	190	0.4 U	0.39 U						0.039 J						0.7	
Phenanthrene	2000	30000	250	NS	NS	0.4 U	0.39 U						0.063 J				0.076 J	0.087 J	0.027 J	
Pyrene	2200	37000	880	NS	NS	0 078 J	0.39 U				0.055 J		0.079 J	0.053 J	0.077 J		0.3 J	0.22 J	0.56	
PESTICIDES/PCBs																				
PCB-1260 (Aroclor 1260)	0 5	2.1	17	0.22	0.74	0.062 U	0.059 U								0.17 J			0.05 J	0.66 J	
4,4'-DDT	3.3	13	11	1.7	7	0.012 U	0.012 U										0.0074 J			
4,4'-DDE	3.3	13	18	1.7	7	0.0049 U	0.0047 U												0.25	0.0033 J
4,4'-DDD	4.6	18	4	2.4	10	0.012 U	0.012 U												0.16 J	0.0029 J

Data Screening Notes:
With the exception of the background samples, all BDLs have been removed. Shaded cells denote exceedances of Screening Criteria.

Residential - Values based on residential use assumptions
Industrial - Values based on worker industrial exposure assumptions.

Abbreviations:
A- Analyte analyzed in replicate. Reported value is "average" of replicates
FDEP-Florida Department of Environmental Protection
GCTL-Groundwater Criteria Target Level
HQ - Hazard quotient. Under USEPA Region IV guidance, HQ=0.1 is applied to noncarcinogenic compounds.
J-Identification of analyte is acceptable; reported value is an estimate.
NS- No Standard
PRG-Primary Remedial Goals
SCTL-Soil Cleanup Target Levels
U- Analyte not detected at or above reporting limit.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
USEPA - United States Environmental Protection Agency
- Leachability values may be derived using the SPLP or TCLP test.
* - Contaminant is not a health concern for this default exposure scenario.
**- SCTL Standards are for nitrate and nitrite separately not combined.
***-SCTL Standards are for total chromium (1:6 ratio Cr VI:Cr III).
****PRGs are for elemental mercury.

Note: The analytical results of the samples collected during this SI were compared to background concentrations in accordance with EPA's Superfund Site Assessment criteria. In addition, the soil samples concentrations were compared to cleanup levels contained in the Contaminant Cleanup Target Levels chapter 62-777, Florida administrative Code (F.A.C.) and the groundwater results were compared with Federal Maximum Contaminant Levels (MCLs) for drinking water supplies and State groundwater standards in Chapter 62-550 FAC. Please note that the levels contained in Chapter 62-777, FAC only apply to the cleanup of contaminated sites governed by this statute. The Federal MCLs are only applicable to drinking water supplies, and the standards in Chapter 62-550 only apply to specific groundwater classifications.

Sources:
[1] **Soil Cleanup Target Levels,** 62-777 FAC, May 26,1999
[2] **EPA Region ix PRGs Table 20002 Update October 2002**

TABLE 4

Summary of Field Parameters

Former Pure Lead Products Site

	PL-MW-01	PL-MW-02	PL-MW-03	PL-MW-04	PL-MW-05
Temperature (°C)	27.3	28.6	29.8	28.1	29.1
pH	6.67	6.99	6.99	7	7.18
Specific Conductance (umhos)	462	402	437	346	254
Dissolved Oxygen (mg/l)	1.2	1.1	1.2	1.2	1.2
Turbidity (NTUs)	6	8	8	9	10

TABLE 5

Summary of Laboratory Results for Groundwater Samples
Exceeding Detection Limits

Former Pure Lead Products

Parameters - Milligrams per Liter (mg/L)

ANALYZED COMPOUNDS	SCREENING CRITERIA					GROUNDWATER SAMPLE NUMBER				
	Florida [1]			Federal [2]						
	MCL / SMCL (62-550)		*GCTL* (62-777)	*MCL / SMCL*						
	MCL	SMCL	GC	MCL	SMCL					
						MW-01 Background	MW-02	MW-03	MW-04	MW-05
METALS										
Aluminum		0.2	0 25		0 05-0.2	0.061 U	0 064		0.28	0.08 J
Arsenic	0.05		0.05	0.01*		0.025				
Antimony	0 006		0.006	0.006		0.037 UJ		0.037 J		0.037 J
Barium	2		2	2		0.023	0.019	0.032	0.026	0.02
Calcium	NS	NS	NS	NS	NS	100	84	86	74	58
Lead	0.015		0.015	0.015		0.0021 U		0.011 J		0.0049 J
Magnesium	NS	NS	NS	NS	NS	4.1	3.6	4.5	2.4	1.1
Manganese		0 05	0.05		0.05	0.018				
Potassium	NS	NS	NS	NS	NS	4	2.6	3.1	2.2	1.9
Sodium	160		160			21	22	32	13	4.4
ORGANICS										
n-Butylbenzene						0.001 U	0.0011			
sec-Butylbenzene						0.001 U	0.0034	0.0038		
tert-Butylbenzene						0.001 U		0.00053 J		
o-Chlorotolune						0 001 U				0.0011
Isopropylbenzene						0.001 U	0.001	0.0011		
n- Propylbenzene						0.001 U	0.0016	0 00054 J		
Vinyl Chloride						0.001 U		0.0007 J		

Data Screening Notes:
Shaded cells denote exceedances for Screening Criteria. With the exception of the background samples, all BDLs have been removed.
Blank cells indicate the material was analyzed for but not detected.

Abbreviations:

A- Analyte analyzed in replicate. Reported value is "average" of replicates
GC- Groundwater Criteria
GCTL- Groundwater Cleanup Target Levels for Resource Protection/Recovery
I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
J-Identification of analyte is acceptable; reported value is an estimate.
MCL- Maximum Contaminant Level
NS- No Standard
SCML- Secondary Maximum Contaminant Level
U- Analyte not detected at or above reporting limit.
UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
* Federal MCL becomes effective 1/23/06

Note: The analytical results of the samples collected during this SI were compared to background concentrations in accordance with EPA's Superfund Site Assessment criteria. In addition, the soil samples concentrations were compared to cleanup levels contained in the Contaminant Cleanup Target Levels chapter 62-777, Florida administrative Code (F.A.C.) and the groundwater results were compared with Federal Maximum Contaminant Levels (MCLs) for drinking water supplies and State groundwater standards in Chapter 62-550 FAC. Please note that the levels contained in Chapter 62-777, FAC only apply to the cleanup of contaminated sites governed by this statute. The Federal MCLs are only applicable to drinking water supplies, and the standards in Chapter 62-550 only apply to specific groundwater classifications.

Sources:
[1] ***Drinking Water Standards, Monitoring and Reoporting, 62-550 FAC November 27, 2001,*** **Primary Drinking Water Standards** (17-550.310 FAC), **Secondary Drinking Water Standards** (17-550.320 FAC) **and Groundwater and Surface Water Cleanup Target Levels,** 62-777 FAC, May 26, 1999.
[2] **2002 Edition of Drinking Water Standards and Health Advisories, USEPA, Summer 2002**

APPENDIX A

Laboratory Analytical Results

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 08/06/2003

Subject: Results of METALS Sample Analysis
03-0676 Former Pure Lead Products
Miami, FL

BUREAU OF WASTE CLEANUP
TECHNICAL REVIEW SECTION

From: Wasko, Mike

To: Dick, Barbara

CC: Teresa Booeshaghi
FDEP

Thru: Scifres, Jenny
Chief, Inorganic Chemistry Section
Analytical Support Branch

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

Sample Disposal Policy:

According to our records this project is not part of a criminal investigation.
Because of our limited space for long term sample storage, we must perform disposals on a routine basis.

Therefore, please take note that within 90 days of the date of this memo,
the original samples and all extracts associated with the samples will be disposed of as required by all applicable and appropriate statutes.

These samples may be held in custody for longer than 90 days only by contacting our sample coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov.

ATTACHMENT

[redacted]

Sample **8604** FY **2003** Project: **03-0676**

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS-01 /

Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 11:00

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.5 U	MG/KG	Silver
1.6	MG/KG	Arsenic
15	MG/KG	Barium
1.5 U	MG/KG	Beryllium
0.96	MG/KG	Cadmium
2.5 U	MG/KG	Cobalt
7.1	MG/KG	Chromium
33	MG/KG	Copper
2.5 U	MG/KG	Molybdenum
5.0 U	MG/KG	Nickel
140	MG/KG	Lead
4.0	MG/KG	Antimony
2.0 U	MG/KG	Selenium
12 U	MG/KG	Tin
630	MG/KG	Strontium
46	MG/KG	Titanium
1.0 U	MG/KG	Thallium
5.2	MG/KG	Vanadium
2.4	MG/KG	Yttrium
180	MG/KG	Zinc
0.098 U	MG/KG	Total Mercury
1100	MG/KG	Aluminum
32	MG/KG	Manganese
200000	MG/KG	Calcium
1600	MG/KG	Magnesium
2200	MG/KG	Iron
1000 U	MG/KG	Sodium
1000 U	MG/KG	Potassium
17	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] RE[redacted]N IV [redacted]D, A[redacted]NS, [redacted] [redacted] [redacted]od[redacted]on [redacted]: 0[redacted]20[redacted]4:2[redacted]

Sample 8602 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PB-SB-01 /
Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 13:00
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.0 U	MG/KG	Silver
1.2 A	MG/KG	Arsenic
5.9 A	MG/KG	Barium
1.2 U	MG/KG	Beryllium
0.50 U	MG/KG	Cadmium
2.0 U	MG/KG	Cobalt
3.8 A	MG/KG	Chromium
8.2 A	MG/KG	Copper
2.0 U	MG/KG	Molybdenum
4.0 U	MG/KG	Nickel
22 A	MG/KG	Lead
1.2 A	MG/KG	Antimony
2.0 U	MG/KG	Selenium
10 U	MG/KG	Tin
910 A	MG/KG	Strontium
6.6 A	MG/KG	Titanium
1.0 U	MG/KG	Thallium
2.5 A	MG/KG	Vanadium
1.6 A	MG/KG	Yttrium
44 A	MG/KG	Zinc
0.10 U	MG/KG	Total Mercury
430 A	MG/KG	Aluminum
10 A	MG/KG	Manganese
180000 A	MG/KG	Calcium
880 A	MG/KG	Magnesium
910 AJ	MG/KG	Iron
800 U	MG/KG	Sodium
800 U	MG/KG	Potassium
17 A	%	% Moisture

Matrix Precision outside Method Acceptance Criteria for: Fe.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **8605** FY **2003** Project: **03-0676**

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS-02 /
Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 09:40
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
1.0 U	MG/KG	Arsenic
12	MG/KG	Barium
0.30 U	MG/KG	Beryllium
0.50 U	MG/KG	Cadmium
0.50 U	MG/KG	Cobalt
5.6	MG/KG	Chromium
2.2	MG/KG	Copper
0.50 U	MG/KG	Molybdenum
1.0 U	MG/KG	Nickel
130	MG/KG	Lead
14	MG/KG	Antimony
2.0 U	MG/KG	Selenium
2.5 U	MG/KG	Tin
200	MG/KG	Strontium
3.4	MG/KG	Titanium
1.0 U	MG/KG	Thallium
1.3	MG/KG	Vanadium
2.9	MG/KG	Yttrium
22	MG/KG	Zinc
0.099 U	MG/KG	Total Mercury
1300	MG/KG	Aluminum
2.2	MG/KG	Manganese
15000	MG/KG	Calcium
75	MG/KG	Magnesium
320	MG/KG	Iron
200 U	MG/KG	Sodium
200 U	MG/KG	Potassium
8.6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **8603** FY **2003** Project: **03-0676**

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SB-02 /

Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 10:15

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.0 U	MG/KG	Silver
2.1	MG/KG	Arsenic
94	MG/KG	Barium
3.0 U	MG/KG	Beryllium
0.50 U	MG/KG	Cadmium
5.0 U	MG/KG	Cobalt
6.6	MG/KG	Chromium
10 U	MG/KG	Copper
5.0 U	MG/KG	Molybdenum
10 U	MG/KG	Nickel
1100	MG/KG	Lead
110	MG/KG	Antimony
2.0 U	MG/KG	Selenium
62	MG/KG	Tin
1800	MG/KG	Strontium
11	MG/KG	Titanium
1.0 U	MG/KG	Thallium
5.0 U	MG/KG	Vanadium
4.2	MG/KG	Yttrium
210	MG/KG	Zinc
0.096 U	MG/KG	Total Mercury
1400	MG/KG	Aluminum
16	MG/KG	Manganese
180000	MG/KG	Calcium
500 U	MG/KG	Magnesium
2300	MG/KG	Iron
2000 U	MG/KG	Sodium
2000 U	MG/KG	Potassium
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]

Sample 8606 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS-03 /

Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 14:15

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.0 U	MG/KG	Silver
6.1	MG/KG	Arsenic
75	MG/KG	Barium
2.4 U	MG/KG	Beryllium
1.4	MG/KG	Cadmium
4.0 U	MG/KG	Cobalt
11	MG/KG	Chromium
58	MG/KG	Copper
4.0 U	MG/KG	Molybdenum
35	MG/KG	Nickel
7500	MG/KG	Lead
340	MG/KG	Antimony
2.0 U	MG/KG	Selenium
66	MG/KG	Tin
690	MG/KG	Strontium
25	MG/KG	Titanium
1.0 U	MG/KG	Thallium
8.8	MG/KG	Vanadium
3.7	MG/KG	Yttrium
360	MG/KG	Zinc
0.34	MG/KG	Total Mercury
1800	MG/KG	Aluminum
31	MG/KG	Manganese
110000	MG/KG	Calcium
740	MG/KG	Magnesium
6400	MG/KG	Iron
1600 U	MG/KG	Sodium
1600 U	MG/KG	Potassium
7.5	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample **8651** FY **2003** Project: **03-0676**

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSB03 / PL-SB-03
Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike
Requestor:
Project Leader: BDICK
Beginning: 06/24/2003 10:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.5 U	MG/KG	Silver
6.0	MG/KG	Arsenic
55	MG/KG	Barium
2.7 U	MG/KG	Beryllium
1.2	MG/KG	Cadmium
4.5 U	MG/KG	Cobalt
5.6	MG/KG	Chromium
18	MG/KG	Copper
4.5 U	MG/KG	Molybdenum
9.0 U	MG/KG	Nickel
8100	MG/KG	Lead
290	MG/KG	Antimony
2.0 U	MG/KG	Selenium
22 U	MG/KG	Tin
280	MG/KG	Strontium
13	MG/KG	Titanium
1.0 U	MG/KG	Thallium
9.1	MG/KG	Vanadium
2.7 U	MG/KG	Yttrium
550	MG/KG	Zinc
0.17	MG/KG	Total Mercury
1800	MG/KG	Aluminum
9.0 U	MG/KG	Manganese
44000	MG/KG	Calcium
450 U	MG/KG	Magnesium
1100	MG/KG	Iron
1800 U	MG/KG	Sodium
1800 U	MG/KG	Potassium
22	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8653 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS05 / PL-SS-05

Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 09:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
25 U	MG/KG	Silver
16	MG/KG	Arsenic
38	MG/KG	Barium
15 U	MG/KG	Beryllium
1.4	MG/KG	Cadmium
25 U	MG/KG	Cobalt
25 U	MG/KG	Chromium
88	MG/KG	Copper
25 U	MG/KG	Molybdenum
49 U	MG/KG	Nickel
50000	MG/KG	Lead
2700	MG/KG	Antimony
2.0 U	MG/KG	Selenium
120 U	MG/KG	Tin
390	MG/KG	Strontium
49 U	MG/KG	Titanium
1.0 U	MG/KG	Thallium
25 U	MG/KG	Vanadium
15 U	MG/KG	Yttrium
340	MG/KG	Zinc
0.22	MG/KG	Total Mercury
1100	MG/KG	Aluminum
49 U	MG/KG	Manganese
59000	MG/KG	Calcium
2500 U	MG/KG	Magnesium
3700	MG/KG	Iron
9900 U	MG/KG	Sodium
9900 U	MG/KG	Potassium
8.6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]

Sample 8652 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB05 / PL-SB-05

Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 10:00

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.0 U	MG/KG	Silver
9.3	MG/KG	Arsenic
30	MG/KG	Barium
2.4 U	MG/KG	Beryllium
2.4	MG/KG	Cadmium
4.0 U	MG/KG	Cobalt
12	MG/KG	Chromium
98	MG/KG	Copper
4.0 U	MG/KG	Molybdenum
13	MG/KG	Nickel
7500	MG/KG	Lead
740	MG/KG	Antimony
2.0 U	MG/KG	Selenium
51	MG/KG	Tin
660	MG/KG	Strontium
21	MG/KG	Titanium
1.0 U	MG/KG	Thallium
6.2	MG/KG	Vanadium
2.4 U	MG/KG	Yttrium
410	MG/KG	Zinc
0.18	MG/KG	Total Mercury
1100	MG/KG	Aluminum
27	MG/KG	Manganese
110000	MG/KG	Calcium
740	MG/KG	Magnesium
5200	MG/KG	Iron
1600 U	MG/KG	Sodium
1600 U	MG/KG	Potassium
24	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]

Sample 8773 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS06 / PL-SS-06

Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:15

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
7.4 U	MG/KG	Silver
5.2	MG/KG	Arsenic
41	MG/KG	Barium
4.5 U	MG/KG	Beryllium
3.0	MG/KG	Cadmium
7.4 U	MG/KG	Cobalt
12	MG/KG	Chromium
160	MG/KG	Copper
7.4 U	MG/KG	Molybdenum
20	MG/KG	Nickel
12000	MG/KG	Lead
170	MG/KG	Antimony
2.0 U	MG/KG	Selenium
180	MG/KG	Tin
450	MG/KG	Strontium
18	MG/KG	Titanium
1.0 U	MG/KG	Thallium
8.5	MG/KG	Vanadium
4.5 U	MG/KG	Yttrium
600	MG/KG	Zinc
0.22	MG/KG	Total Mercury
1600	MG/KG	Aluminum
27	MG/KG	Manganese
69000	MG/KG	Calcium
740 U	MG/KG	Magnesium
5100	MG/KG	Iron
3000 U	MG/KG	Sodium
3000 U	MG/KG	Potassium
8.7	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]

Sample 8767 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB06 / PL-SB-06

Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	MG/KG	Silver
3.1	MG/KG	Arsenic
43	MG/KG	Barium
6.0 U	MG/KG	Beryllium
0.50 U	MG/KG	Cadmium
10 U	MG/KG	Cobalt
10 U	MG/KG	Chromium
36	MG/KG	Copper
10 U	MG/KG	Molybdenum
20 U	MG/KG	Nickel
16000	MG/KG	Lead
140	MG/KG	Antimony
2.0 U	MG/KG	Selenium
50 U	MG/KG	Tin
170	MG/KG	Strontium
20 U	MG/KG	Titanium
1.0 U	MG/KG	Thallium
10 U	MG/KG	Vanadium
6.0 U	MG/KG	Yttrium
150	MG/KG	Zinc
0.10 U	MG/KG	Total Mercury
750	MG/KG	Aluminum
20 U	MG/KG	Manganese
20000	MG/KG	Calcium
1000 U	MG/KG	Magnesium
1300	MG/KG	Iron
4000 U	MG/KG	Sodium
4000 U	MG/KG	Potassium
18	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS

EPA - REGION IV SESD, ATHENS, GA [redacted]

Sample 8774 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSS07 / PL-SS-07
Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.0 U	MG/KG	Silver
8.2	MG/KG	Arsenic
59	MG/KG	Barium
3.0 U	MG/KG	Beryllium
2.0	MG/KG	Cadmium
5.0 U	MG/KG	Cobalt
10	MG/KG	Chromium
95	MG/KG	Copper
5.0 U	MG/KG	Molybdenum
10 U	MG/KG	Nickel
9300	MG/KG	Lead
240	MG/KG	Antimony
2.0 U	MG/KG	Selenium
72	MG/KG	Tin
1600	MG/KG	Strontium
45	MG/KG	Titanium
1.0 U	MG/KG	Thallium
8.1	MG/KG	Vanadium
3.0 U	MG/KG	Yttrium
420	MG/KG	Zinc
0.21	MG/KG	Total Mercury
1600	MG/KG	Aluminum
46	MG/KG	Manganese
220000	MG/KG	Calcium
1100	MG/KG	Magnesium
8000	MG/KG	Iron
2000 U	MG/KG	Sodium
2000 U	MG/KG	Potassium
17	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]

Sample 8768 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB07 / PL-SB-07

Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 11:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	MG/KG	Silver
18 AJ	MG/KG	Arsenic
180 AJ	MG/KG	Barium
6.0 U	MG/KG	Beryllium
2.8 AJ	MG/KG	Cadmium
10 U	MG/KG	Cobalt
16 A	MG/KG	Chromium
120 A	MG/KG	Copper
10 U	MG/KG	Molybdenum
20 A	MG/KG	Nickel
15000 AJ	MG/KG	Lead
480 AJ	MG/KG	Antimony
2.0 U	MG/KG	Selenium
220 AJ	MG/KG	Tin
1400 A	MG/KG	Strontium
90 AJ	MG/KG	Titanium
1.0 U	MG/KG	Thallium
17 A	MG/KG	Vanadium
6.0 U	MG/KG	Yttrium
600 A	MG/KG	Zinc
0.12	MG/KG	Total Mercury
2300 AJ	MG/KG	Aluminum
120 AJ	MG/KG	Manganese
180000 A	MG/KG	Calcium
1000 U	MG/KG	Magnesium
17000 A	MG/KG	Iron
4000 U	MG/KG	Sodium
4000 U	MG/KG	Potassium
12 A	%	% Moisture

Matrix Precision outside Method Acceptance Criteria for: Ba, Pb, Sn, Ti, Al, As, , Sb and Mn.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]

Sample 8775 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS08 / PL-SS-08

Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 10:05

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
25 U	MG/KG	Silver
28	MG/KG	Arsenic
180	MG/KG	Barium
15 U	MG/KG	Beryllium
3.8	MG/KG	Cadmium
25 U	MG/KG	Cobalt
25	MG/KG	Chromium
500	MG/KG	Copper
25 U	MG/KG	Molybdenum
50 U	MG/KG	Nickel
48000	MG/KG	Lead
950	MG/KG	Antimony
2.0 U	MG/KG	Selenium
350	MG/KG	Tin
390	MG/KG	Strontium
55	MG/KG	Titanium
1.0 U	MG/KG	Thallium
25 U	MG/KG	Vanadium
15 U	MG/KG	Yttrium
720	MG/KG	Zinc
0.25 A	MG/KG	Total Mercury
1900	MG/KG	Aluminum
96	MG/KG	Manganese
81000	MG/KG	Calcium
2500 U	MG/KG	Magnesium
17000	MG/KG	Iron
10000 U	MG/KG	Sodium
10000 U	MG/KG	Potassium
24	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]

Sample 8769 FY 2003 Project: 03-0676

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB08 / PL-SB-08

Media: SUBSURFACE SOIL (> 12")

Produced by: Wasko, Mike

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 10:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
1.2	MG/KG	Arsenic
5.0	MG/KG	Barium
0.30 U	MG/KG	Beryllium
0.50 U	MG/KG	Cadmium
0.50 U	MG/KG	Cobalt
3.5	MG/KG	Chromium
11	MG/KG	Copper
0.50 U	MG/KG	Molybdenum
1.6	MG/KG	Nickel
550	MG/KG	Lead
19	MG/KG	Antimony
2.0 U	MG/KG	Selenium
2.5 U	MG/KG	Tin
800	MG/KG	Strontium
5.4	MG/KG	Titanium
1.0 U	MG/KG	Thallium
1.7	MG/KG	Vanadium
1.6	MG/KG	Yttrium
41	MG/KG	Zinc
0.095 U	MG/KG	Total Mercury
740	MG/KG	Aluminum
5.8	MG/KG	Manganese
84000	MG/KG	Calcium
230	MG/KG	Magnesium
870	MG/KG	Iron
200 U	MG/KG	Sodium
200 U	MG/KG	Potassium
6.6	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS [redacted]

Sample **8607** FY **2003** Project: **03-0676**

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS D / DUP PLSS
Media: SURFACE SOIL (0" - 12")

Produced by: Wasko, Mike
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 09:41
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.50 U	MG/KG	Silver
1.0 U	MG/KG	Arsenic
12	MG/KG	Barium
0.30 U	MG/KG	Beryllium
0.50 U	MG/KG	Cadmium
0.50 U	MG/KG	Cobalt
7.8	MG/KG	Chromium
3.9	MG/KG	Copper
0.50 U	MG/KG	Molybdenum
1.0 U	MG/KG	Nickel
200	MG/KG	Lead
24	MG/KG	Antimony
2.0 U	MG/KG	Selenium
2.5 U	MG/KG	Tin
310	MG/KG	Strontium
4.5	MG/KG	Titanium
1.0 U	MG/KG	Thallium
2.0	MG/KG	Vanadium
3.9	MG/KG	Yttrium
40	MG/KG	Zinc
0.097 U	MG/KG	Total Mercury
1700	MG/KG	Aluminum
3.5	MG/KG	Manganese
25000	MG/KG	Calcium
100	MG/KG	Magnesium
470	MG/KG	Iron
200 U	MG/KG	Sodium
200 U	MG/KG	Potassium
41	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

BUREAU OF WASTE CLEANUP
AUG 0 8 2003
TECHNICAL REVIEW SECTION

Date: 07/31/2003

Subject: Results of VOLATILES Sample Analysis
03-0676 Former Pure Lead Products
Miami, FL

From: Allen, Frank

To: Dick, Barbara

CC: Teresa Booeshaghi
FDEP

Thru: Stephenson, Myron
Acting Chief,Organic Chemistry Section
Analytical Support Branch

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ample Disposal Policy:

According to our records this project is not part of a criminal investigation.
Because of our limited space for long term sample storage, we must perform disposals a routine basis.

Therefore, please take note that within 90 days of the date of this memo,
he original samples and all extracts associated with the samples will be disposed of required by all applicable and appropriate statutes.

These samples may be held in custody for longer than 90 days only by contacting ur sample coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov.

ATTACHMENT

Sample 8770 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS01R / PL-SS-01R

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 09:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.1 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
6.1 U	UG/KG	Bromomethane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methylene Chloride
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
15 U	UG/KG	Acetone
1.2 U	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
6.1 U	UG/KG	2,2-Dichloropropane
15 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
1.2 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 UJ	UG/KG	Cyclohexane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
15 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
6.1 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
15 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
2.4 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
1.2 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
1.2 U	UG/KG	p-Chlorotoluene
1.2 U	UG/KG	1,3-Dichlorobenzene
1.2 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2 U	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
1.2 U	UG/KG	n-Butylbenzene
1.2 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.2 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
1.2 U	UG/KG	1,2,3-Trichlorobenzene
19	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8604 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS-01 /
Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 11:00
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
NA	UG/KG	Dichlorodifluoromethane
NA	UG/KG	Chloromethane
NA	UG/KG	Bromomethane
NA	UG/KG	Vinyl Chloride
NA	UG/KG	Chloroethane
NA	UG/KG	Trichlorofluoromethane (Freon 11)
NA	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
NA	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
NA	UG/KG	Methylene Chloride
NA	UG/KG	Methyl T-Butyl Ether (MTBE)
NA	UG/KG	Acetone
NA	UG/KG	Carbon Disulfide
NA	UG/KG	Methyl Acetate
NA	UG/KG	1,1-Dichloroethane
NA	UG/KG	cis-1,2-Dichloroethene
NA	UG/KG	2,2-Dichloropropane
NA	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
NA	UG/KG	trans-1,2-Dichloroethene
NA	UG/KG	Chloroform
NA	UG/KG	1,2-Dichloroethane
NA	UG/KG	1,1,1-Trichloroethane
NA	UG/KG	Cyclohexane
NA	UG/KG	1,1-Dichloropropene
NA	UG/KG	Carbon Tetrachloride
NA	UG/KG	Bromodichloromethane
NA	UG/KG	Methyl Isobutyl Ketone
NA	UG/KG	1,2-Dichloropropane
NA	UG/KG	Methylcyclohexane
NA	UG/KG	Dibromomethane
NA	UG/KG	trans-1,3-Dichloropropene
NA	UG/KG	Trichloroethene (Trichloroethylene)
NA	UG/KG	Benzene
NA	UG/KG	Dibromochloromethane
NA	UG/KG	1,1,2-Trichloroethane
NA	UG/KG	cis-1,3-Dichloropropene
NA	UG/KG	Bromoform
NA	UG/KG	Bromobenzene
NA	UG/KG	1,1,2,2-Tetrachloroethane
NA	UG/KG	Tetrachloroethene (Tetrachloroethylene)
NA	UG/KG	1,3-Dichloropropane
NA	UG/KG	Methyl Butyl Ketone
NA	UG/KG	Toluene
NA	UG/KG	Chlorobenzene
NA	UG/KG	1,1,1,2-Tetrachloroethane
NA	UG/KG	Ethyl Benzene
NA	UG/KG	(m- and/or p-)Xylene
NA	UG/KG	o-Xylene
NA	UG/KG	Styrene
NA	UG/KG	1,2,3-Trichloropropane
NA	UG/KG	o-Chlorotoluene
NA	UG/KG	p-Chlorotoluene
NA	UG/KG	1,3-Dichlorobenzene
NA	UG/KG	1,4-Dichlorobenzene
NA	UG/KG	1,2-Dichlorobenzene
NA	UG/KG	1,2-Dibromoethane (EDB)
NA	UG/KG	Isopropylbenzene
NA	UG/KG	n-Propylbenzene
NA	UG/KG	1,3,5-Trimethylbenzene
NA	UG/KG	tert-Butylbenzene
NA	UG/KG	1,2,4-Trimethylbenzene
NA	UG/KG	sec-Butylbenzene
NA	UG/KG	p-Isopropyltoluene
NA	UG/KG	n-Butylbenzene
NA	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
NA	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	Hexachloro-1,3-Butadiene
NA	UG/KG	1,2,3-Trichlorobenzene
NA	%	% Moisture

Encore Sampler Received Unlocked, Client Resampled, See Sample 8770

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8602 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PB-SB-01 /

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 13:00

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.0 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
6.0 U	UG/KG	Bromomethane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methylene Chloride
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
85	UG/KG	Acetone
1.2 U	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
6.0 U	UG/KG	2,2-Dichloropropane
15 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
1.2 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 UJ	UG/KG	Cyclohexane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
15 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
6.0 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
15 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
2.4 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
1.2 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
1.2 U	UG/KG	p-Chlorotoluene
1.2 U	UG/KG	1,3-Dichlorobenzene
1.2 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2 U	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
1.2 U	UG/KG	n-Butylbenzene
1.2 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.2 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
1.2 U	UG/KG	1,2,3-Trichlorobenzene
15	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8605 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS-02 /

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 09:40

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
NA	UG/KG	Dichlorodifluoromethane
NA	UG/KG	Chloromethane
NA	UG/KG	Bromomethane
NA	UG/KG	Vinyl Chloride
NA	UG/KG	Chloroethane
NA	UG/KG	Trichlorofluoromethane (Freon 11)
NA	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
NA	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
NA	UG/KG	Methylene Chloride
NA	UG/KG	Methyl T-Butyl Ether (MTBE)
NA	UG/KG	Acetone
NA	UG/KG	Carbon Disulfide
NA	UG/KG	Methyl Acetate
NA	UG/KG	1,1-Dichloroethane
NA	UG/KG	cis-1,2-Dichloroethene
NA	UG/KG	2,2-Dichloropropane
NA	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
NA	UG/KG	trans-1,2-Dichloroethene
NA	UG/KG	Chloroform
NA	UG/KG	1,2-Dichloroethane
NA	UG/KG	1,1,1-Trichloroethane
NA	UG/KG	Cyclohexane
NA	UG/KG	1,1-Dichloropropene
NA	UG/KG	Carbon Tetrachloride
NA	UG/KG	Bromodichloromethane
NA	UG/KG	Methyl Isobutyl Ketone
NA	UG/KG	1,2-Dichloropropane
NA	UG/KG	Methylcyclohexane
NA	UG/KG	Dibromomethane
NA	UG/KG	trans-1,3-Dichloropropene
NA	UG/KG	Trichloroethene (Trichloroethylene)
NA	UG/KG	Benzene
NA	UG/KG	Dibromochloromethane
NA	UG/KG	1,1,2-Trichloroethane

RESULTS	UNITS	ANALYTE
NA	UG/KG	cis-1,3-Dichloropropene
NA	UG/KG	Bromoform
NA	UG/KG	Bromobenzene
NA	UG/KG	1,1,2,2-Tetrachloroethane
NA	UG/KG	Tetrachloroethene (Tetrachloroethylene)
NA	UG/KG	1,3-Dichloropropane
NA	UG/KG	Methyl Butyl Ketone
NA	UG/KG	Toluene
NA	UG/KG	Chlorobenzene
NA	UG/KG	1,1,1,2-Tetrachloroethane
NA	UG/KG	Ethyl Benzene
NA	UG/KG	(m- and/or p-)Xylene
NA	UG/KG	o-Xylene
NA	UG/KG	Styrene
NA	UG/KG	1,2,3-Trichloropropane
NA	UG/KG	o-Chlorotoluene
NA	UG/KG	p-Chlorotoluene
NA	UG/KG	1,3-Dichlorobenzene
NA	UG/KG	1,4-Dichlorobenzene
NA	UG/KG	1,2-Dichlorobenzene
NA	UG/KG	1,2-Dibromoethane (EDB)
NA	UG/KG	Isopropylbenzene
NA	UG/KG	n-Propylbenzene
NA	UG/KG	1,3,5-Trimethylbenzene
NA	UG/KG	tert-Butylbenzene
NA	UG/KG	1,2,4-Trimethylbenzene
NA	UG/KG	sec-Butylbenzene
NA	UG/KG	p-Isopropyltoluene
NA	UG/KG	n-Butylbenzene
NA	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
NA	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	Hexachloro-1,3-Butadiene
NA	UG/KG	1,2,3-Trichlorobenzene
NA	%	% Moisture

Encore Sampler Received Unlocked, Client Resampled, See Sample 8771

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8771 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSS02R / PL-SS-02R
Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 09:25
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.3 U	UG/KG	Dichlorodifluoromethane
1.3 U	UG/KG	Chloromethane
6.3 U	UG/KG	Bromomethane
1.3 U	UG/KG	Vinyl Chloride
1.3 U	UG/KG	Chloroethane
1.3 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.3 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.3 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.3 U	UG/KG	Methylene Chloride
1.3 U	UG/KG	Methyl T-Butyl Ether (MTBE)
16 U	UG/KG	Acetone
1.3 U	UG/KG	Carbon Disulfide
1.3 U	UG/KG	Methyl Acetate
1.3 U	UG/KG	1,1-Dichloroethane
1.3 U	UG/KG	cis-1,2-Dichloroethene
6.3 U	UG/KG	2,2-Dichloropropane
16 U	UG/KG	Methyl Ethyl Ketone
1.3 U	UG/KG	Bromochloromethane
1.3 U	UG/KG	trans-1,2-Dichloroethene
1.3 U	UG/KG	Chloroform
1.3 U	UG/KG	1,2-Dichloroethane
1.3 U	UG/KG	1,1,1-Trichloroethane
1.3 UJ	UG/KG	Cyclohexane
1.3 U	UG/KG	1,1-Dichloropropene
1.3 U	UG/KG	Carbon Tetrachloride
1.3 U	UG/KG	Bromodichloromethane
16 U	UG/KG	Methyl Isobutyl Ketone
1.3 U	UG/KG	1,2-Dichloropropane
1.3 U	UG/KG	Methylcyclohexane
1.3 U	UG/KG	Dibromomethane
1.3 U	UG/KG	trans-1,3-Dichloropropene
1.3 U	UG/KG	Trichloroethene (Trichloroethylene)
1.3 U	UG/KG	Benzene
1.3 U	UG/KG	Dibromochloromethane
1.3 U	UG/KG	1,1,2-Trichloroethane
1.3 U	UG/KG	cis-1,3-Dichloropropene
6.3 U	UG/KG	Bromoform
1.3 U	UG/KG	Bromobenzene
1.3 U	UG/KG	1,1,2,2-Tetrachloroethane
1.3 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.3 U	UG/KG	1,3-Dichloropropane
16 U	UG/KG	Methyl Butyl Ketone
1.3 U	UG/KG	Toluene
1.3 U	UG/KG	Chlorobenzene
1.3 U	UG/KG	1,1,1,2-Tetrachloroethane
1.3 U	UG/KG	Ethyl Benzene
2.5 U	UG/KG	(m- and/or p-)Xylene
1.3 U	UG/KG	o-Xylene
1.3 U	UG/KG	Styrene
1.3 U	UG/KG	1,2,3-Trichloropropane
1.3 U	UG/KG	o-Chlorotoluene
1.3 U	UG/KG	p-Chlorotoluene
1.3 U	UG/KG	1,3-Dichlorobenzene
1.3 U	UG/KG	1,4-Dichlorobenzene
1.3 U	UG/KG	1,2-Dichlorobenzene
1.3 U	UG/KG	1,2-Dibromoethane (EDB)
1.3 U	UG/KG	Isopropylbenzene
1.3 U	UG/KG	n-Propylbenzene
1.3 U	UG/KG	1,3,5-Trimethylbenzene
1.3 U	UG/KG	tert-Butylbenzene
1.3 U	UG/KG	1,2,4-Trimethylbenzene
1.3 U	UG/KG	sec-Butylbenzene
1.3 U	UG/KG	p-Isopropyltoluene
1.3 U	UG/KG	n-Butylbenzene
1.3 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.3 U	UG/KG	1,2,4-Trichlorobenzene
1.3 U	UG/KG	Hexachloro-1,3-Butadiene
1.3 U	UG/KG	1,2,3-Trichlorobenzene
8.7	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8607 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS D / DUP PLSS

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 09:41

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
NA	UG/KG	Dichlorodifluoromethane
NA	UG/KG	Chloromethane
NA	UG/KG	Bromomethane
NA	UG/KG	Vinyl Chloride
NA	UG/KG	Chloroethane
NA	UG/KG	Trichlorofluoromethane (Freon 11)
NA	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
NA	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
NA	UG/KG	Methylene Chloride
NA	UG/KG	Methyl T-Butyl Ether (MTBE)
NA	UG/KG	Acetone
NA	UG/KG	Carbon Disulfide
NA	UG/KG	Methyl Acetate
NA	UG/KG	1,1-Dichloroethane
NA	UG/KG	cis-1,2-Dichloroethene
NA	UG/KG	2,2-Dichloropropane
NA	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
NA	UG/KG	trans-1,2-Dichloroethene
NA	UG/KG	Chloroform
NA	UG/KG	1,2-Dichloroethane
NA	UG/KG	1,1,1-Trichloroethane
NA	UG/KG	Cyclohexane
NA	UG/KG	1,1-Dichloropropene
NA	UG/KG	Carbon Tetrachloride
NA	UG/KG	Bromodichloromethane
NA	UG/KG	Methyl Isobutyl Ketone
NA	UG/KG	1,2-Dichloropropane
NA	UG/KG	Methylcyclohexane
NA	UG/KG	Dibromomethane
NA	UG/KG	trans-1,3-Dichloropropene
NA	UG/KG	Trichloroethene (Trichloroethylene)
NA	UG/KG	Benzene
NA	UG/KG	Dibromochloromethane
NA	UG/KG	1,1,2-Trichloroethane
NA	UG/KG	cis-1,3-Dichloropropene
NA	UG/KG	Bromoform
NA	UG/KG	Bromobenzene
NA	UG/KG	1,1,2,2-Tetrachloroethane
NA	UG/KG	Tetrachloroethene (Tetrachloroethylene)
NA	UG/KG	1,3-Dichloropropane
NA	UG/KG	Methyl Butyl Ketone
NA	UG/KG	Toluene
NA	UG/KG	Chlorobenzene
NA	UG/KG	1,1,1,2-Tetrachloroethane
NA	UG/KG	Ethyl Benzene
NA	UG/KG	(m- and/or p-)Xylene
NA	UG/KG	o-Xylene
NA	UG/KG	Styrene
NA	UG/KG	1,2,3-Trichloropropane
NA	UG/KG	o-Chlorotoluene
NA	UG/KG	p-Chlorotoluene
NA	UG/KG	1,3-Dichlorobenzene
NA	UG/KG	1,4-Dichlorobenzene
NA	UG/KG	1,2-Dichlorobenzene
NA	UG/KG	1,2-Dibromoethane (EDB)
NA	UG/KG	Isopropylbenzene
NA	UG/KG	n-Propylbenzene
NA	UG/KG	1,3,5-Trimethylbenzene
NA	UG/KG	tert-Butylbenzene
NA	UG/KG	1,2,4-Trimethylbenzene
NA	UG/KG	sec-Butylbenzene
NA	UG/KG	p-Isopropyltoluene
NA	UG/KG	n-Butylbenzene
NA	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
NA	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	Hexachloro-1,3-Butadiene
NA	UG/KG	1,2,3-Trichlorobenzene
NA	%	% Moisture

Encore Sampler Received Unlocked, Client Resampled, See Sample 8776

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8776 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSSDUPR / PL-SS-DUPR

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 09:25

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.6 U	UG/KG	Dichlorodifluoromethane
1.3 U	UG/KG	Chloromethane
6.6 U	UG/KG	Bromomethane
1.3 U	UG/KG	Vinyl Chloride
1.3 U	UG/KG	Chloroethane
1.3 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.3 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.3 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.3 U	UG/KG	Methylene Chloride
1.3 U	UG/KG	Methyl T-Butyl Ether (MTBE)
16 U	UG/KG	Acetone
1.3 U	UG/KG	Carbon Disulfide
1.3 U	UG/KG	Methyl Acetate
1.3 U	UG/KG	1,1-Dichloroethane
1.3 U	UG/KG	cis-1,2-Dichloroethene
6.6 U	UG/KG	2,2-Dichloropropane
16 U	UG/KG	Methyl Ethyl Ketone
1.3 U	UG/KG	Bromochloromethane
1.3 U	UG/KG	trans-1,2-Dichloroethene
1.3 U	UG/KG	Chloroform
1.3 U	UG/KG	1,2-Dichloroethane
1.3 U	UG/KG	1,1,1-Trichloroethane
1.3 UJ	UG/KG	Cyclohexane
1.3 U	UG/KG	1,1-Dichloropropene
1.3 U	UG/KG	Carbon Tetrachloride
1.3 U	UG/KG	Bromodichloromethane
16 U	UG/KG	Methyl Isobutyl Ketone
1.3 U	UG/KG	1,2-Dichloropropane
1.3 U	UG/KG	Methylcyclohexane
1.3 U	UG/KG	Dibromomethane
1.3 U	UG/KG	trans-1,3-Dichloropropene
1.3 U	UG/KG	Trichloroethene (Trichloroethylene)
1.3 U	UG/KG	Benzene
1.3 U	UG/KG	Dibromochloromethane
1.3 U	UG/KG	1,1,2-Trichloroethane
1.3 U	UG/KG	cis-1,3-Dichloropropene
6.6 U	UG/KG	Bromoform
1.3 U	UG/KG	Bromobenzene
1.3 U	UG/KG	1,1,2,2-Tetrachloroethane
1.3 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.3 U	UG/KG	1,3-Dichloropropane
16 U	UG/KG	Methyl Butyl Ketone
1.3 U	UG/KG	Toluene
1.3 U	UG/KG	Chlorobenzene
1.3 U	UG/KG	1,1,1,2-Tetrachloroethane
1.3 U	UG/KG	Ethyl Benzene
2.6 U	UG/KG	(m- and/or p-)Xylene
1.3 U	UG/KG	o-Xylene
1.3 U	UG/KG	Styrene
1.3 U	UG/KG	1,2,3-Trichloropropane
1.3 U	UG/KG	o-Chlorotoluene
1.3 U	UG/KG	p-Chlorotoluene
1.3 U	UG/KG	1,3-Dichlorobenzene
1.3 U	UG/KG	1,4-Dichlorobenzene
1.3 U	UG/KG	1,2-Dichlorobenzene
1.3 U	UG/KG	1,2-Dibromoethane (EDB)
1.3 U	UG/KG	Isopropylbenzene
1.3 U	UG/KG	n-Propylbenzene
1.3 U	UG/KG	1,3,5-Trimethylbenzene
1.3 U	UG/KG	tert-Butylbenzene
1.3 U	UG/KG	1,2,4-Trimethylbenzene
1.3 U	UG/KG	sec-Butylbenzene
1.3 U	UG/KG	p-Isopropyltoluene
1.3 U	UG/KG	n-Butylbenzene
1.3 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.3 U	UG/KG	1,2,4-Trichlorobenzene
1.3 U	UG/KG	Hexachloro-1,3-Butadiene
1.3 U	UG/KG	1,2,3-Trichlorobenzene
18	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8603 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SB-02 /
Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 10:15
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.9 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
5.9 U	UG/KG	Bromomethane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methylene Chloride
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
15 U	UG/KG	Acetone
1.2 U	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
5.9 U	UG/KG	2,2-Dichloropropane
15 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
1.2 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 UJ	UG/KG	Cyclohexane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
15 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
5.9 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
15 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
2.4 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
1.2 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
1.2 U	UG/KG	p-Chlorotoluene
1.2 U	UG/KG	1,3-Dichlorobenzene
1.2 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2 U	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
1.2 U	UG/KG	n-Butylbenzene
1.2 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.2 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
1.2 U	UG/KG	1,2,3-Trichlorobenzene
17	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8606 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS-03 /
Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 14:15
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
NA	UG/KG	Dichlorodifluoromethane
NA	UG/KG	Chloromethane
NA	UG/KG	Bromomethane
NA	UG/KG	Vinyl Chloride
NA	UG/KG	Chloroethane
NA	UG/KG	Trichlorofluoromethane (Freon 11)
NA	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
NA	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
NA	UG/KG	Methylene Chloride
NA	UG/KG	Methyl T-Butyl Ether (MTBE)
NA	UG/KG	Acetone
NA	UG/KG	Carbon Disulfide
NA	UG/KG	Methyl Acetate
NA	UG/KG	1,1-Dichloroethane
NA	UG/KG	cis-1,2-Dichloroethene
NA	UG/KG	2,2-Dichloropropane
NA	UG/KG	Methyl Ethyl Ketone
NA	UG/KG	Bromochloromethane
NA	UG/KG	trans-1,2-Dichloroethene
NA	UG/KG	Chloroform
NA	UG/KG	1,2-Dichloroethane
NA	UG/KG	1,1,1-Trichloroethane
NA	UG/KG	Cyclohexane
NA	UG/KG	1,1-Dichloropropene
NA	UG/KG	Carbon Tetrachloride
NA	UG/KG	Bromodichloromethane
NA	UG/KG	Methyl Isobutyl Ketone
NA	UG/KG	1,2-Dichloropropane
NA	UG/KG	Methylcyclohexane
NA	UG/KG	Dibromomethane
NA	UG/KG	trans-1,3-Dichloropropene
NA	UG/KG	Trichloroethene (Trichloroethylene)
NA	UG/KG	Benzene
NA	UG/KG	Dibromochloromethane
NA	UG/KG	1,1,2-Trichloroethane
NA	UG/KG	cis-1,3-Dichloropropene
NA	UG/KG	Bromoform
NA	UG/KG	Bromobenzene
NA	UG/KG	1,1,2,2-Tetrachloroethane
NA	UG/KG	Tetrachloroethene (Tetrachloroethylene)
NA	UG/KG	1,3-Dichloropropane
NA	UG/KG	Methyl Butyl Ketone
NA	UG/KG	Toluene
NA	UG/KG	Chlorobenzene
NA	UG/KG	1,1,1,2-Tetrachloroethane
NA	UG/KG	Ethyl Benzene
NA	UG/KG	(m- and/or p-)Xylene
NA	UG/KG	o-Xylene
NA	UG/KG	Styrene
NA	UG/KG	1,2,3-Trichloropropane
NA	UG/KG	o-Chlorotoluene
NA	UG/KG	p-Chlorotoluene
NA	UG/KG	1,3-Dichlorobenzene
NA	UG/KG	1,4-Dichlorobenzene
NA	UG/KG	1,2-Dichlorobenzene
NA	UG/KG	1,2-Dibromoethane (EDB)
NA	UG/KG	Isopropylbenzene
NA	UG/KG	n-Propylbenzene
NA	UG/KG	1,3,5-Trimethylbenzene
NA	UG/KG	tert-Butylbenzene
NA	UG/KG	1,2,4-Trimethylbenzene
NA	UG/KG	sec-Butylbenzene
NA	UG/KG	p-Isopropyltoluene
NA	UG/KG	n-Butylbenzene
NA	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
NA	UG/KG	1,2,4-Trichlorobenzene
NA	UG/KG	Hexachloro-1,3-Butadiene
NA	UG/KG	1,2,3-Trichlorobenzene
NA	%	% Moisture

Encore Sampler Received Unlocked, Client Resampled, See Sample 8772

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8772 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSS03R / PL-SS-03R
Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 09:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.8 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
5.8 U	UG/KG	Bromomethane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methylene Chloride
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
120	UG/KG	Acetone
0.58 J	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
5.8 U	UG/KG	2,2-Dichloropropane
14 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
1.2 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 UJ	UG/KG	Cyclohexane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
14 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
5.8 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
14 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
2.3 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
1.2 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
1.2 U	UG/KG	p-Chlorotoluene
1.2 U	UG/KG	1,3-Dichlorobenzene
1.2 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.4	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.6	UG/KG	tert-Butylbenzene
0.69 J	UG/KG	1,2,4-Trimethylbenzene
3.0	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
1.2 U	UG/KG	n-Butylbenzene
1.2 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.2 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
1.2 U	UG/KG	1,2,3-Trichlorobenzene
22	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8772 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSS03R / PL-SS-03R
Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank
Requestor: .
Project Leader: BDICK
Beginning: 06/25/2003 09:00
Ending:

RESULTS	UNITS	ANALYTE
N	UG/KG	Petroleum Product

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]LAT[redacted] SA[redacted]E A[redacted]YSIS[redacted] [redacted] [redacted] [redacted] - R[redacted]N I[redacted]SD, [redacted]ENS[redacted] [redacted] [redacted] Production Date: 07/31/2003 16:04

Sample 8651 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB03 / PL-SB-03

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 10:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.5 U	UG/KG	Dichlorodifluoromethane
1.1 U	UG/KG	Chloromethane
5.5 U	UG/KG	Bromomethane
1.1 U	UG/KG	Vinyl Chloride
1.1 U	UG/KG	Chloroethane
1.1 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.1 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.1 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.1 U	UG/KG	Methylene Chloride
1.1 U	UG/KG	Methyl T-Butyl Ether (MTBE)
100	UG/KG	Acetone
1.1 U	UG/KG	Carbon Disulfide
1.1 U	UG/KG	Methyl Acetate
1.1 U	UG/KG	1,1-Dichloroethane
1.1 U	UG/KG	cis-1,2-Dichloroethene
5.5 U	UG/KG	2,2-Dichloropropane
14 U	UG/KG	Methyl Ethyl Ketone
1.1 U	UG/KG	Bromochloromethane
1.1 U	UG/KG	trans-1,2-Dichloroethene
1.1 U	UG/KG	Chloroform
1.1 U	UG/KG	1,2-Dichloroethane
1.1 U	UG/KG	1,1,1-Trichloroethane
1.1 UJ	UG/KG	Cyclohexane
1.1 U	UG/KG	1,1-Dichloropropene
1.1 U	UG/KG	Carbon Tetrachloride
1.1 U	UG/KG	Bromodichloromethane
14 U	UG/KG	Methyl Isobutyl Ketone
1.1 U	UG/KG	1,2-Dichloropropane
1.1 U	UG/KG	Methylcyclohexane
1.1 U	UG/KG	Dibromomethane
1.1 U	UG/KG	trans-1,3-Dichloropropene
1.1 U	UG/KG	Trichloroethene (Trichloroethylene)
1.1 U	UG/KG	Benzene
1.1 U	UG/KG	Dibromochloromethane
1.1 U	UG/KG	1,1,2-Trichloroethane
1.1 U	UG/KG	cis-1,3-Dichloropropene
5.5 U	UG/KG	Bromoform
1.1 U	UG/KG	Bromobenzene
1.1 U	UG/KG	1,1,2,2-Tetrachloroethane
1.1 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.1 U	UG/KG	1,3-Dichloropropane
14 U	UG/KG	Methyl Butyl Ketone
1.1 U	UG/KG	Toluene
1.1 U	UG/KG	Chlorobenzene
1.1 U	UG/KG	1,1,1,2-Tetrachloroethane
1.1 U	UG/KG	Ethyl Benzene
2.2 U	UG/KG	(m- and/or p-)Xylene
1.1 U	UG/KG	o-Xylene
1.1 U	UG/KG	Styrene
1.1 U	UG/KG	1,2,3-Trichloropropane
1.1 U	UG/KG	o-Chlorotoluene
1.1 U	UG/KG	p-Chlorotoluene
1.1 U	UG/KG	1,3-Dichlorobenzene
1.1 U	UG/KG	1,4-Dichlorobenzene
1.1 U	UG/KG	1,2-Dichlorobenzene
1.1 U	UG/KG	1,2-Dibromoethane (EDB)
2.5	UG/KG	Isopropylbenzene
1.1 U	UG/KG	n-Propylbenzene
1.1 U	UG/KG	1,3,5-Trimethylbenzene
4.1	UG/KG	tert-Butylbenzene
1.1 U	UG/KG	1,2,4-Trimethylbenzene
14	UG/KG	sec-Butylbenzene
1.1 U	UG/KG	p-Isopropyltoluene
1.1 U	UG/KG	n-Butylbenzene
1.1 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.1 U	UG/KG	1,2,4-Trichlorobenzene
1.1 U	UG/KG	Hexachloro-1,3-Butadiene
1.1 U	UG/KG	1,2,3-Trichlorobenzene
17	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]LA[redacted]S SA[redacted]E A[redacted]YSIS[redacted] [redacted] [redacted] [redacted]A - R[redacted]DN I[redacted]SD, [redacted]ENS,[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] Production Date: 07/31/2003 16:04

Sample 8651 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSB03 / PL-SB-03
Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/24/2003 10:45
Ending:

RESULTS	UNITS	ANALYTE
N	UG/KG	Petroleum Product

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: 07/31/2003 16:04

Sample 8653 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS05 / PL-SS-05

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 09:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.7 U	UG/KG	Dichlorodifluoromethane
0.95 U	UG/KG	Chloromethane
4.7 U	UG/KG	Bromomethane
0.95 U	UG/KG	Vinyl Chloride
0.95 U	UG/KG	Chloroethane
0.95 U	UG/KG	Trichlorofluoromethane (Freon 11)
0.95 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
0.95 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
0.95 U	UG/KG	Methylene Chloride
0.95 U	UG/KG	Methyl T-Butyl Ether (MTBE)
12 U	UG/KG	Acetone
0.95 U	UG/KG	Carbon Disulfide
0.95 U	UG/KG	Methyl Acetate
0.95 U	UG/KG	1,1-Dichloroethane
0.95 U	UG/KG	cis-1,2-Dichloroethene
4.7 U	UG/KG	2,2-Dichloropropane
12 U	UG/KG	Methyl Ethyl Ketone
0.95 U	UG/KG	Bromochloromethane
0.95 U	UG/KG	trans-1,2-Dichloroethene
0.95 U	UG/KG	Chloroform
0.95 U	UG/KG	1,2-Dichloroethane
0.95 U	UG/KG	1,1,1-Trichloroethane
0.95 UJ	UG/KG	Cyclohexane
0.95 U	UG/KG	1,1-Dichloropropene
0.95 U	UG/KG	Carbon Tetrachloride
0.95 U	UG/KG	Bromodichloromethane
12 U	UG/KG	Methyl Isobutyl Ketone
0.95 U	UG/KG	1,2-Dichloropropane
0.95 U	UG/KG	Methylcyclohexane
0.95 U	UG/KG	Dibromomethane
0.95 U	UG/KG	trans-1,3-Dichloropropene
0.95 U	UG/KG	Trichloroethene (Trichloroethylene)
0.95 U	UG/KG	Benzene
0.95 U	UG/KG	Dibromochloromethane
0.95 U	UG/KG	1,1,2-Trichloroethane
0.95 U	UG/KG	cis-1,3-Dichloropropene
4.7 U	UG/KG	Bromoform
0.95 U	UG/KG	Bromobenzene
0.95 U	UG/KG	1,1,2,2-Tetrachloroethane
0.95 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
0.95 U	UG/KG	1,3-Dichloropropane
12 U	UG/KG	Methyl Butyl Ketone
0.95 U	UG/KG	Toluene
0.95 U	UG/KG	Chlorobenzene
0.95 U	UG/KG	1,1,1,2-Tetrachloroethane
0.95 U	UG/KG	Ethyl Benzene
1.9 U	UG/KG	(m- and/or p-)Xylene
0.95 U	UG/KG	o-Xylene
0.95 U	UG/KG	Styrene
0.95 U	UG/KG	1,2,3-Trichloropropane
0.95 U	UG/KG	o-Chlorotoluene
0.95 U	UG/KG	p-Chlorotoluene
0.95 U	UG/KG	1,3-Dichlorobenzene
0.95 U	UG/KG	1,4-Dichlorobenzene
0.95 U	UG/KG	1,2-Dichlorobenzene
0.95 U	UG/KG	1,2-Dibromoethane (EDB)
0.95 U	UG/KG	Isopropylbenzene
0.95 U	UG/KG	n-Propylbenzene
0.95 U	UG/KG	1,3,5-Trimethylbenzene
0.95 U	UG/KG	tert-Butylbenzene
0.95 U	UG/KG	1,2,4-Trimethylbenzene
0.95 U	UG/KG	sec-Butylbenzene
0.95 U	UG/KG	p-Isopropyltoluene
0.95 U	UG/KG	n-Butylbenzene
0.95 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
0.95 U	UG/KG	1,2,4-Trichlorobenzene
0.95 U	UG/KG	Hexachloro-1,3-Butadiene
0.95 U	UG/KG	1,2,3-Trichlorobenzene
0.80	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] SAMPLE ANALYSIS [redacted] - REGION [redacted] SD, [redacted] ENS [redacted] Production Date: [redacted]

Sample 8652 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB05 / PL-SB-05

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 10:00

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.7 U	UG/KG	Dichlorodifluoromethane
0.94 U	UG/KG	Chloromethane
4.7 U	UG/KG	Bromomethane
0.94 U	UG/KG	Vinyl Chloride
0.94 U	UG/KG	Chloroethane
0.94 U	UG/KG	Trichlorofluoromethane (Freon 11)
0.94 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
0.94 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
0.94 U	UG/KG	Methylene Chloride
0.94 U	UG/KG	Methyl T-Butyl Ether (MTBE)
12 U	UG/KG	Acetone
0.94 U	UG/KG	Carbon Disulfide
0.94 U	UG/KG	Methyl Acetate
0.94 U	UG/KG	1,1-Dichloroethane
0.94 U	UG/KG	cis-1,2-Dichloroethene
4.7 U	UG/KG	2,2-Dichloropropane
12 U	UG/KG	Methyl Ethyl Ketone
0.94 U	UG/KG	Bromochloromethane
0.94 U	UG/KG	trans-1,2-Dichloroethene
0.94 U	UG/KG	Chloroform
0.94 U	UG/KG	1,2-Dichloroethane
0.94 U	UG/KG	1,1,1-Trichloroethane
0.94 UJ	UG/KG	Cyclohexane
0.94 U	UG/KG	1,1-Dichloropropene
0.94 U	UG/KG	Carbon Tetrachloride
0.94 U	UG/KG	Bromodichloromethane
12 U	UG/KG	Methyl Isobutyl Ketone
0.94 U	UG/KG	1,2-Dichloropropane
0.94 U	UG/KG	Methylcyclohexane
0.94 U	UG/KG	Dibromomethane
0.94 U	UG/KG	trans-1,3-Dichloropropene
0.94 U	UG/KG	Trichloroethene (Trichloroethylene)
0.94 U	UG/KG	Benzene
0.94 U	UG/KG	Dibromochloromethane
0.94 U	UG/KG	1,1,2-Trichloroethane
0.94 U	UG/KG	cis-1,3-Dichloropropene
4.7 U	UG/KG	Bromoform
0.94 U	UG/KG	Bromobenzene
0.94 U	UG/KG	1,1,2,2-Tetrachloroethane
0.94 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
0.94 U	UG/KG	1,3-Dichloropropane
12 U	UG/KG	Methyl Butyl Ketone
0.56 J	UG/KG	Toluene
0.94 U	UG/KG	Chlorobenzene
0.94 U	UG/KG	1,1,1,2-Tetrachloroethane
0.94 U	UG/KG	Ethyl Benzene
1.9 U	UG/KG	(m- and/or p-)Xylene
0.94 U	UG/KG	o-Xylene
0.94 U	UG/KG	Styrene
0.94 U	UG/KG	1,2,3-Trichloropropane
0.94 U	UG/KG	o-Chlorotoluene
0.94 U	UG/KG	p-Chlorotoluene
0.94 U	UG/KG	1,3-Dichlorobenzene
0.94 U	UG/KG	1,4-Dichlorobenzene
0.94 U	UG/KG	1,2-Dichlorobenzene
0.94 U	UG/KG	1,2-Dibromoethane (EDB)
1.7	UG/KG	Isopropylbenzene
0.94 U	UG/KG	n-Propylbenzene
0.94 U	UG/KG	1,3,5-Trimethylbenzene
0.94 U	UG/KG	tert-Butylbenzene
0.94 U	UG/KG	1,2,4-Trimethylbenzene
0.94 U	UG/KG	sec-Butylbenzene
0.94 U	UG/KG	p-Isopropyltoluene
0.94 U	UG/KG	n-Butylbenzene
0.94 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
0.94 U	UG/KG	1,2,4-Trichlorobenzene
0.94 U	UG/KG	Hexachloro-1,3-Butadiene
0.94 U	UG/KG	1,2,3-Trichlorobenzene
8.1	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8773 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS06 / PL-SS-06

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:15

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.1 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
6.1 U	UG/KG	Bromomethane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methylene Chloride
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
130	UG/KG	Acetone
2.0	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
6.1 U	UG/KG	2,2-Dichloropropane
21	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
1.2 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 UJ	UG/KG	Cyclohexane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
15 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
6.1 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
15 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
3.0 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
1.2 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
1.2 U	UG/KG	p-Chlorotoluene
1.2 U	UG/KG	1,3-Dichlorobenzene
1.2 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
4.2	UG/KG	p-Isopropyltoluene
1.2 U	UG/KG	n-Butylbenzene
1.2 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.2 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
1.2 U	UG/KG	1,2,3-Trichlorobenzene
10	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8767 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB06 / PL-SB-06

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.2 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
6.2 U	UG/KG	Bromomethane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methylene Chloride
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
63	UG/KG	Acetone
1.2 U	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
6.2 U	UG/KG	2,2-Dichloropropane
16 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
1.2 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 UJ	UG/KG	Cyclohexane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
16 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
6.2 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
16 U	UG/KG	Methyl Butyl Ketone
1.2 U	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
1.2 U	UG/KG	Ethyl Benzene
2.5 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
1.2 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
1.2 U	UG/KG	p-Chlorotoluene
1.2 U	UG/KG	1,3-Dichlorobenzene
1.2 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
1.2 U	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2 U	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
1.2 U	UG/KG	n-Butylbenzene
1.2 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.2 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
1.2 U	UG/KG	1,2,3-Trichlorobenzene
19	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]ATI[redacted]SAM[redacted] AN[redacted]SIS [redacted] [redacted] [redacted] [redacted]- RE[redacted]N IV [redacted]D, A[redacted]NS, [redacted] [redacted] [redacted] Production Date: 07[redacted]/2003 16:04[redacted]

Sample 8774 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS07 / PL-SS-07

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 11:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.9 U	UG/KG	Dichlorodifluoromethane
1.2 U	UG/KG	Chloromethane
5.9 U	UG/KG	Bromomethane
1.2 U	UG/KG	Vinyl Chloride
1.2 U	UG/KG	Chloroethane
1.2 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.2 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.2 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2 U	UG/KG	Methylene Chloride
1.2 U	UG/KG	Methyl T-Butyl Ether (MTBE)
96	UG/KG	Acetone
0.96 J	UG/KG	Carbon Disulfide
1.2 U	UG/KG	Methyl Acetate
1.2 U	UG/KG	1,1-Dichloroethane
1.2 U	UG/KG	cis-1,2-Dichloroethene
5.9 U	UG/KG	2,2-Dichloropropane
15 U	UG/KG	Methyl Ethyl Ketone
1.2 U	UG/KG	Bromochloromethane
1.2 U	UG/KG	trans-1,2-Dichloroethene
1.2 U	UG/KG	Chloroform
1.2 U	UG/KG	1,2-Dichloroethane
1.2 U	UG/KG	1,1,1-Trichloroethane
1.2 UJ	UG/KG	Cyclohexane
1.2 U	UG/KG	1,1-Dichloropropene
1.2 U	UG/KG	Carbon Tetrachloride
1.2 U	UG/KG	Bromodichloromethane
15 U	UG/KG	Methyl Isobutyl Ketone
1.2 U	UG/KG	1,2-Dichloropropane
1.2 U	UG/KG	Methylcyclohexane
1.2 U	UG/KG	Dibromomethane
1.2 U	UG/KG	trans-1,3-Dichloropropene
1.2 U	UG/KG	Trichloroethene (Trichloroethylene)
1.2 U	UG/KG	Benzene
1.2 U	UG/KG	Dibromochloromethane
1.2 U	UG/KG	1,1,2-Trichloroethane
1.2 U	UG/KG	cis-1,3-Dichloropropene
5.9 U	UG/KG	Bromoform
1.2 U	UG/KG	Bromobenzene
1.2 U	UG/KG	1,1,2,2-Tetrachloroethane
1.2 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.2 U	UG/KG	1,3-Dichloropropane
15 U	UG/KG	Methyl Butyl Ketone
0.97 J	UG/KG	Toluene
1.2 U	UG/KG	Chlorobenzene
1.2 U	UG/KG	1,1,1,2-Tetrachloroethane
0.76 J	UG/KG	Ethyl Benzene
2.4 U	UG/KG	(m- and/or p-)Xylene
1.2 U	UG/KG	o-Xylene
1.2 U	UG/KG	Styrene
1.2 U	UG/KG	1,2,3-Trichloropropane
1.2 U	UG/KG	o-Chlorotoluene
1.2 U	UG/KG	p-Chlorotoluene
1.2 U	UG/KG	1,3-Dichlorobenzene
1.2 U	UG/KG	1,4-Dichlorobenzene
1.2 U	UG/KG	1,2-Dichlorobenzene
1.2 U	UG/KG	1,2-Dibromoethane (EDB)
1.2 U	UG/KG	Isopropylbenzene
0.87 J	UG/KG	n-Propylbenzene
1.2 U	UG/KG	1,3,5-Trimethylbenzene
1.2 U	UG/KG	tert-Butylbenzene
1.2 U	UG/KG	1,2,4-Trimethylbenzene
1.2 U	UG/KG	sec-Butylbenzene
1.2 U	UG/KG	p-Isopropyltoluene
0.64 J	UG/KG	n-Butylbenzene
1.2 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.2 U	UG/KG	1,2,4-Trichlorobenzene
1.2 U	UG/KG	Hexachloro-1,3-Butadiene
1.2 U	UG/KG	1,2,3-Trichlorobenzene
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]ATIL[redacted]SAM[redacted] AN[redacted]SIS [redacted] [redacted] [redacted] [redacted]- RE[redacted]N IV[redacted]D, A[redacted]NS, [redacted] [redacted] [redacted]rod[redacted]on [redacted]: 0[redacted]/20[redacted]6:0[redacted]

Sample 8774 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSS07 / PL-SS-07
Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 11:30
Ending:

RESULTS	UNITS	ANALYTE
N	UG/KG	Petroleum Product

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] - [redacted] Production Date: 07/31/2003 16:04

Sample 8768 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB07 / PL-SB-07

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 11:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
5.4 U	UG/KG	Dichlorodifluoromethane
1.0 U	UG/KG	Chloromethane
5.4 U	UG/KG	Bromomethane
1.0 U	UG/KG	Vinyl Chloride
1.0 U	UG/KG	Chloroethane
1.0 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.0 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.0 U	UG/KG	Methylene Chloride
1.0 U	UG/KG	Methyl T-Butyl Ether (MTBE)
14 U	UG/KG	Acetone
1.0 U	UG/KG	Carbon Disulfide
1.0 U	UG/KG	Methyl Acetate
1.0 U	UG/KG	1,1-Dichloroethane
1.0 U	UG/KG	cis-1,2-Dichloroethene
5.4 U	UG/KG	2,2-Dichloropropane
14 U	UG/KG	Methyl Ethyl Ketone
1.0 U	UG/KG	Bromochloromethane
1.0 U	UG/KG	trans-1,2-Dichloroethene
1.0 U	UG/KG	Chloroform
1.0 U	UG/KG	1,2-Dichloroethane
1.0 U	UG/KG	1,1,1-Trichloroethane
0.84 AJ	UG/KG	Cyclohexane
1.0 U	UG/KG	1,1-Dichloropropene
1.0 U	UG/KG	Carbon Tetrachloride
1.0 U	UG/KG	Bromodichloromethane
14 U	UG/KG	Methyl Isobutyl Ketone
1.0 U	UG/KG	1,2-Dichloropropane
1.2 A	UG/KG	Methylcyclohexane
1.0 U	UG/KG	Dibromomethane
1.0 U	UG/KG	trans-1,3-Dichloropropene
1.0 U	UG/KG	Trichloroethene (Trichloroethylene)
1.0 U	UG/KG	Benzene
1.0 U	UG/KG	Dibromochloromethane
1.0 U	UG/KG	1,1,2-Trichloroethane
1.0 U	UG/KG	cis-1,3-Dichloropropene
5.4 U	UG/KG	Bromoform
1.0 U	UG/KG	Bromobenzene
1.0 U	UG/KG	1,1,2,2-Tetrachloroethane
1.0 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/KG	1,3-Dichloropropane
14 U	UG/KG	Methyl Butyl Ketone
1.0 U	UG/KG	Toluene
1.0 U	UG/KG	Chlorobenzene
1.0 U	UG/KG	1,1,1,2-Tetrachloroethane
1.0 U	UG/KG	Ethyl Benzene
2.1 U	UG/KG	(m- and/or p-)Xylene
1.0 U	UG/KG	o-Xylene
1.0 U	UG/KG	Styrene
1.0 U	UG/KG	1,2,3-Trichloropropane
1.0 U	UG/KG	o-Chlorotoluene
1.0 U	UG/KG	p-Chlorotoluene
1.0 U	UG/KG	1,3-Dichlorobenzene
1.0 U	UG/KG	1,4-Dichlorobenzene
1.0 U	UG/KG	1,2-Dichlorobenzene
1.0 U	UG/KG	1,2-Dibromoethane (EDB)
1.0 U	UG/KG	Isopropylbenzene
1.0 U	UG/KG	n-Propylbenzene
1.0 U	UG/KG	1,3,5-Trimethylbenzene
1.0 U	UG/KG	tert-Butylbenzene
1.0 U	UG/KG	1,2,4-Trimethylbenzene
1.0 U	UG/KG	sec-Butylbenzene
1.0 U	UG/KG	p-Isopropyltoluene
1.0 U	UG/KG	n-Butylbenzene
1.0 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/KG	1,2,4-Trichlorobenzene
1.0 U	UG/KG	Hexachloro-1,3-Butadiene
1.0 U	UG/KG	1,2,3-Trichlorobenzene
18	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8768 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSB07 / PL-SB-07
Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 11:45
Ending:

RESULTS	UNITS	ANALYTE
N	UG/KG	Petroleum Product

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8775 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS08 / PL-SS-08

Media: SURFACE SOIL (0" - 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 10:05

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.3 U	UG/KG	Dichlorodifluoromethane
1.3 U	UG/KG	Chloromethane
6.3 U	UG/KG	Bromomethane
1.3 U	UG/KG	Vinyl Chloride
1.3 U	UG/KG	Chloroethane
1.3 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.3 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.3 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.3 U	UG/KG	Methylene Chloride
1.3 U	UG/KG	Methyl T-Butyl Ether (MTBE)
16 U	UG/KG	Acetone
1.3 U	UG/KG	Carbon Disulfide
1.3 U	UG/KG	Methyl Acetate
1.3 U	UG/KG	1,1-Dichloroethane
1.3 U	UG/KG	cis-1,2-Dichloroethene
6.3 U	UG/KG	2,2-Dichloropropane
16 U	UG/KG	Methyl Ethyl Ketone
1.3 U	UG/KG	Bromochloromethane
1.3 U	UG/KG	trans-1,2-Dichloroethene
1.3 U	UG/KG	Chloroform
1.3 U	UG/KG	1,2-Dichloroethane
1.3 U	UG/KG	1,1,1-Trichloroethane
1.3 UJ	UG/KG	Cyclohexane
1.3 U	UG/KG	1,1-Dichloropropene
1.3 U	UG/KG	Carbon Tetrachloride
1.3 U	UG/KG	Bromodichloromethane
16 U	UG/KG	Methyl Isobutyl Ketone
1.3 U	UG/KG	1,2-Dichloropropane
1.3 U	UG/KG	Methylcyclohexane
1.3 U	UG/KG	Dibromomethane
1.3 U	UG/KG	trans-1,3-Dichloropropene
1.3 U	UG/KG	Trichloroethene (Trichloroethylene)
1.3 U	UG/KG	Benzene
1.3 U	UG/KG	Dibromochloromethane
1.3 U	UG/KG	1,1,2-Trichloroethane
1.3 U	UG/KG	cis-1,3-Dichloropropene
6.3 U	UG/KG	Bromoform
1.3 U	UG/KG	Bromobenzene
1.3 U	UG/KG	1,1,2,2-Tetrachloroethane
1.3 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.3 U	UG/KG	1,3-Dichloropropane
16 U	UG/KG	Methyl Butyl Ketone
1.3 U	UG/KG	Toluene
1.3 U	UG/KG	Chlorobenzene
1.3 U	UG/KG	1,1,1,2-Tetrachloroethane
1.3 U	UG/KG	Ethyl Benzene
2.5 U	UG/KG	(m- and/or p-)Xylene
1.3 U	UG/KG	o-Xylene
1.3 U	UG/KG	Styrene
1.3 U	UG/KG	1,2,3-Trichloropropane
1.3 U	UG/KG	o-Chlorotoluene
1.3 U	UG/KG	p-Chlorotoluene
1.3 U	UG/KG	1,3-Dichlorobenzene
1.3 U	UG/KG	1,4-Dichlorobenzene
1.3 U	UG/KG	1,2-Dichlorobenzene
1.3 U	UG/KG	1,2-Dibromoethane (EDB)
1.3 U	UG/KG	Isopropylbenzene
1.3 U	UG/KG	n-Propylbenzene
1.3 U	UG/KG	1,3,5-Trimethylbenzene
1.3 U	UG/KG	tert-Butylbenzene
1.3 U	UG/KG	1,2,4-Trimethylbenzene
1.3 U	UG/KG	sec-Butylbenzene
1.3 U	UG/KG	p-Isopropyltoluene
1.3 U	UG/KG	n-Butylbenzene
1.3 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.3 U	UG/KG	1,2,4-Trichlorobenzene
1.3 U	UG/KG	Hexachloro-1,3-Butadiene
1.3 U	UG/KG	1,2,3-Trichlorobenzene
23	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]LAT[redacted]SA[redacted]E AN[redacted]SIS[redacted] [redacted] [redacted] [redacted] - R[redacted]N IV[redacted]D, A[redacted]NS,[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] Production Date: 07/31/2003 16:04

Sample 8769 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB08 / PL-SB-08

Media: SUBSURFACE SOIL (> 12")

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 10:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
6.5 U	UG/KG	Dichlorodifluoromethane
1.3 U	UG/KG	Chloromethane
6.5 U	UG/KG	Bromomethane
1.3 U	UG/KG	Vinyl Chloride
1.3 U	UG/KG	Chloroethane
1.3 U	UG/KG	Trichlorofluoromethane (Freon 11)
1.3 U	UG/KG	1,1-Dichloroethene (1,1-Dichloroethylene)
1.3 U	UG/KG	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.3 U	UG/KG	Methylene Chloride
1.3 U	UG/KG	Methyl T-Butyl Ether (MTBE)
16 U	UG/KG	Acetone
1.3 U	UG/KG	Carbon Disulfide
1.3 U	UG/KG	Methyl Acetate
1.3 U	UG/KG	1,1-Dichloroethane
1.3 U	UG/KG	cis-1,2-Dichloroethene
6.5 U	UG/KG	2,2-Dichloropropane
16 U	UG/KG	Methyl Ethyl Ketone
1.3 U	UG/KG	Bromochloromethane
1.3 U	UG/KG	trans-1,2-Dichloroethene
1.3 U	UG/KG	Chloroform
1.3 U	UG/KG	1,2-Dichloroethane
1.3 U	UG/KG	1,1,1-Trichloroethane
1.3 UJ	UG/KG	Cyclohexane
1.3 U	UG/KG	1,1-Dichloropropene
1.3 U	UG/KG	Carbon Tetrachloride
1.3 U	UG/KG	Bromodichloromethane
16 U	UG/KG	Methyl Isobutyl Ketone
1.3 U	UG/KG	1,2-Dichloropropane
1.3 U	UG/KG	Methylcyclohexane
1.3 U	UG/KG	Dibromomethane
1.3 U	UG/KG	trans-1,3-Dichloropropene
1.3 U	UG/KG	Trichloroethene (Trichloroethylene)
1.3 U	UG/KG	Benzene
1.3 U	UG/KG	Dibromochloromethane
1.3 U	UG/KG	1,1,2-Trichloroethane
1.3 U	UG/KG	cis-1,3-Dichloropropene
6.5 U	UG/KG	Bromoform
1.3 U	UG/KG	Bromobenzene
1.3 U	UG/KG	1,1,2,2-Tetrachloroethane
1.3 U	UG/KG	Tetrachloroethene (Tetrachloroethylene)
1.3 U	UG/KG	1,3-Dichloropropane
16 U	UG/KG	Methyl Butyl Ketone
1.3 U	UG/KG	Toluene
1.3 U	UG/KG	Chlorobenzene
1.3 U	UG/KG	1,1,1,2-Tetrachloroethane
1.3 U	UG/KG	Ethyl Benzene
3.2 U	UG/KG	(m- and/or p-)Xylene
1.3 U	UG/KG	o-Xylene
1.3 U	UG/KG	Styrene
1.3 U	UG/KG	1,2,3-Trichloropropane
1.3 U	UG/KG	o-Chlorotoluene
1.3 U	UG/KG	p-Chlorotoluene
1.3 U	UG/KG	1,3-Dichlorobenzene
1.3 U	UG/KG	1,4-Dichlorobenzene
1.3 U	UG/KG	1,2-Dichlorobenzene
1.3 U	UG/KG	1,2-Dibromoethane (EDB)
1.3 U	UG/KG	Isopropylbenzene
1.3 U	UG/KG	n-Propylbenzene
1.3 U	UG/KG	1,3,5-Trimethylbenzene
1.3 U	UG/KG	tert-Butylbenzene
1.3 U	UG/KG	1,2,4-Trimethylbenzene
1.3 U	UG/KG	sec-Butylbenzene
1.3 U	UG/KG	p-Isopropyltoluene
1.3 U	UG/KG	n-Butylbenzene
1.3 U	UG/KG	1,2-Dibromo-3-Chloropropane (DBCP)
1.3 U	UG/KG	1,2,4-Trichlorobenzene
1.3 U	UG/KG	Hexachloro-1,3-Butadiene
1.3 U	UG/KG	1,2,3-Trichlorobenzene
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

ample 8607 FY 2003 Project: 03-0676

xtractables Scan

acility: Former Pure Lead Products Miami, FL

rogram: SF

l/Station: PL-SS D / DUP PLSS

ledia: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 09:41
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

ESULTS	UNITS	ANALYTE
410 U	UG/KG	bis(2-Chloroethyl) Ether
410 U	UG/KG	Benzaldehyde
410 U	UG/KG	Hexachloroethane
410 U	UG/KG	bis(2-Chloroisopropyl) Ether
410 U	UG/KG	n-Nitrosodi-n-Propylamine
410 U	UG/KG	Acetophenone
410 U	UG/KG	Nitrobenzene
410 U	UG/KG	Hexachlorobutadiene
410 U	UG/KG	Caprolactam
410 U	UG/KG	2-Methylnaphthalene
410 U	UG/KG	1,2,4-Trichlorobenzene
410 U	UG/KG	Naphthalene
410 U	UG/KG	4-Chloroaniline
410 U	UG/KG	bis(2-Chloroethoxy)Methane
410 U	UG/KG	Isophorone
410 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
410 U	UG/KG	1,1-Biphenyl
410 U	UG/KG	2-Chloronaphthalene
410 U	UG/KG	2-Nitroaniline
410 U	UG/KG	Acenaphthylene
410 U	UG/KG	Acenaphthene
410 U	UG/KG	Dimethyl Phthalate
410 U	UG/KG	Dibenzofuran
410 U	UG/KG	2,4-Dinitrotoluene
410 U	UG/KG	2,6-Dinitrotoluene
410 U	UG/KG	3-Nitroaniline
410 U	UG/KG	4-Chlorophenyl Phenyl Ether
410 U	UG/KG	4-Nitroaniline
410 U	UG/KG	Fluorene
410 U	UG/KG	Diethyl Phthalate
410 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
410 U	UG/KG	Hexachlorobenzene (HCB)
410 U	UG/KG	Atrazine
410 U	UG/KG	4-Bromophenyl Phenyl Ether
410 U	UG/KG	Phenanthrene

RESULTS	UNITS	ANALYTE
410 U	UG/KG	Anthracene
410 U	UG/KG	Carbazole
410 U	UG/KG	Di-n-Butylphthalate
410 U	UG/KG	Fluoranthene
410 U	UG/KG	Pyrene
410 U	UG/KG	Benzyl Butyl Phthalate
410 U	UG/KG	bis(2-Ethylhexyl) Phthalate
410 U	UG/KG	Benzo(a)Anthracene
410 U	UG/KG	Chrysene
410 U	UG/KG	3,3'-Dichlorobenzidine
410 U	UG/KG	Di-n-Octylphthalate
410 U	UG/KG	Benzo(b)Fluoranthene
410 U	UG/KG	Benzo(k)Fluoranthene
410 U	UG/KG	Benzo-a-Pyrene
410 U	UG/KG	Indeno (1,2,3-cd) Pyrene
410 U	UG/KG	Dibenzo(a,h)Anthracene
410 U	UG/KG	Benzo(ghi)Perylene
410 U	UG/KG	2-Chlorophenol
410 U	UG/KG	2-Methylphenol
410 U	UG/KG	(3-and/or 4-)Methylphenol
410 U	UG/KG	2-Nitrophenol
410 U	UG/KG	Phenol
410 U	UG/KG	2,4-Dimethylphenol
410 U	UG/KG	2,4-Dichlorophenol
410 U	UG/KG	2,4,6-Trichlorophenol
410 U	UG/KG	2,4,5-Trichlorophenol
410 U	UG/KG	4-Chloro-3-Methylphenol
820 U	UG/KG	2,4-Dinitrophenol
820 U	UG/KG	2-Methyl-4,6-Dinitrophenol
820 U	UG/KG	Pentachlorophenol
820 U	UG/KG	4-Nitrophenol
410 U	UG/KG	2,3,4,6-Tetrachlorophenol
18.38	%	% Moisture

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
fication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]ion[redacted]e: [redacted]2/2[redacted]13:[redacted]

Sample 8604 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

d/Station: PL-SS-01 /

Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 11:00

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
400 U	UG/KG	bis(2-Chloroethyl) Ether	400 U	UG/KG	Anthracene
400 U	UG/KG	Benzaldehyde	400 U	UG/KG	Carbazole
400 U	UG/KG	Hexachloroethane	400 U	UG/KG	Di-n-Butylphthalate
400 U	UG/KG	bis(2-Chloroisopropyl) Ether	58 J	UG/KG	Fluoranthene
400 U	UG/KG	n-Nitrosodi-n-Propylamine	78 J	UG/KG	Pyrene
400 U	UG/KG	Acetophenone	400 U	UG/KG	Benzyl Butyl Phthalate
400 U	UG/KG	Nitrobenzene	400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
400 U	UG/KG	Hexachlorobutadiene	400 U	UG/KG	Benzo(a)Anthracene
400 U	UG/KG	Caprolactam	59 J	UG/KG	Chrysene
400 U	UG/KG	2-Methylnaphthalene	400 U	UG/KG	3,3'-Dichlorobenzidine
400 U	UG/KG	1,2,4-Trichlorobenzene	400 U	UG/KG	Di-n-Octylphthalate
400 U	UG/KG	Naphthalene	85 J	UG/KG	Benzo(b)Fluoranthene
400 U	UG/KG	4-Chloroaniline	51 J	UG/KG	Benzo(k)Fluoranthene
400 U	UG/KG	bis(2-Chloroethoxy)Methane	60 J	UG/KG	Benzo-a-Pyrene
400 U	UG/KG	Isophorone	70 J	UG/KG	Indeno (1,2,3-cd) Pyrene
400 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	400 U	UG/KG	Dibenzo(a,h)Anthracene
400 U	UG/KG	1,1-Biphenyl	190 J	UG/KG	Benzo(ghi)Perylene
400 U	UG/KG	2-Chloronaphthalene	400 U	UG/KG	2-Chlorophenol
400 U	UG/KG	2-Nitroaniline	400 U	UG/KG	2-Methylphenol
400 U	UG/KG	Acenaphthylene	400 U	UG/KG	(3-and/or 4-)Methylphenol
400 U	UG/KG	Acenaphthene	400 U	UG/KG	2-Nitrophenol
400 U	UG/KG	Dimethyl Phthalate	400 U	UG/KG	Phenol
400 U	UG/KG	Dibenzofuran	400 U	UG/KG	2,4-Dimethylphenol
400 U	UG/KG	2,4-Dinitrotoluene	400 U	UG/KG	2,4-Dichlorophenol
400 U	UG/KG	2,6-Dinitrotoluene	400 U	UG/KG	2,4,6-Trichlorophenol
400 U	UG/KG	3-Nitroaniline	400 U	UG/KG	2,4,5-Trichlorophenol
400 U	UG/KG	4-Chlorophenyl Phenyl Ether	400 U	UG/KG	4-Chloro-3-Methylphenol
400 U	UG/KG	4-Nitroaniline	810 U	UG/KG	2,4-Dinitrophenol
400 U	UG/KG	Fluorene	810 U	UG/KG	2-Methyl-4,6-Dinitrophenol
400 U	UG/KG	Diethyl Phthalate	810 U	UG/KG	Pentachlorophenol
400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	810 U	UG/KG	4-Nitrophenol
400 U	UG/KG	Hexachlorobenzene (HCB)	400 U	UG/KG	2,3,4,6-Tetrachlorophenol
400 U	UG/KG	Atrazine	19.36	%	% Moisture
400 U	UG/KG	4-Bromophenyl Phenyl Ether			
400 U	UG/KG	Phenanthrene			

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
lication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]12/[redacted] 13[redacted]

Sample [redacted] 8604 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS-01 /
Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 11:00
Ending:
samples leaking and very wet.

RESULTS	UNITS	ANALYTE
800 JN	UG/KG	Hexadecanoic Acid

/te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
umptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
fication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] - H[redacted]ON I[redacted]SD, [redacted]ENS, GA [redacted] **Production Date: 08/12/2003 13:08**

Sample 8602 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PB-SB-01 /

Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 13:00

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
390 U	UG/KG	bis(2-Chloroethyl) Ether
390 U	UG/KG	Benzaldehyde
390 U	UG/KG	Hexachloroethane
390 U	UG/KG	bis(2-Chloroisopropyl) Ether
390 U	UG/KG	n-Nitrosodi-n-Propylamine
390 U	UG/KG	Acetophenone
390 U	UG/KG	Nitrobenzene
390 U	UG/KG	Hexachlorobutadiene
390 U	UG/KG	Caprolactam
390 U	UG/KG	2-Methylnaphthalene
390 U	UG/KG	1,2,4-Trichlorobenzene
390 U	UG/KG	Naphthalene
390 U	UG/KG	4-Chloroaniline
390 U	UG/KG	bis(2-Chloroethoxy)Methane
390 U	UG/KG	Isophorone
390 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
390 U	UG/KG	1,1-Biphenyl
390 U	UG/KG	2-Chloronaphthalene
390 U	UG/KG	2-Nitroaniline
390 U	UG/KG	Acenaphthylene
390 U	UG/KG	Acenaphthene
390 U	UG/KG	Dimethyl Phthalate
390 U	UG/KG	Dibenzofuran
390 U	UG/KG	2,4-Dinitrotoluene
390 U	UG/KG	2,6-Dinitrotoluene
390 U	UG/KG	3-Nitroaniline
390 U	UG/KG	4-Chlorophenyl Phenyl Ether
390 U	UG/KG	4-Nitroaniline
390 U	UG/KG	Fluorene
390 U	UG/KG	Diethyl Phthalate
390 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
390 U	UG/KG	Hexachlorobenzene (HCB)
390 U	UG/KG	Atrazine
390 U	UG/KG	4-Bromophenyl Phenyl Ether
390 U	UG/KG	Phenanthrene
390 U	UG/KG	Anthracene
390 U	UG/KG	Carbazole
390 U	UG/KG	Di-n-Butylphthalate
390 U	UG/KG	Fluoranthene
390 U	UG/KG	Pyrene
390 U	UG/KG	Benzyl Butyl Phthalate
390 U	UG/KG	bis(2-Ethylhexyl) Phthalate
390 U	UG/KG	Benzo(a)Anthracene
390 U	UG/KG	Chrysene
390 U	UG/KG	3,3'-Dichlorobenzidine
390 U	UG/KG	Di-n-Octylphthalate
71 J	UG/KG	Benzo(b)Fluoranthene
75 J	UG/KG	Benzo(k)Fluoranthene
130 J	UG/KG	Benzo-a-Pyrene
150 J	UG/KG	Indeno (1,2,3-cd) Pyrene
130 J	UG/KG	Dibenzo(a,h)Anthracene
150 J	UG/KG	Benzo(ghi)Perylene
390 U	UG/KG	2-Chlorophenol
390 U	UG/KG	2-Methylphenol
390 U	UG/KG	(3-and/or 4-)Methylphenol
390 U	UG/KG	2-Nitrophenol
390 U	UG/KG	Phenol
390 U	UG/KG	2,4-Dimethylphenol
390 U	UG/KG	2,4-Dichlorophenol
390 U	UG/KG	2,4,6-Trichlorophenol
390 U	UG/KG	2,4,5-Trichlorophenol
390 U	UG/KG	4-Chloro-3-Methylphenol
780 U	UG/KG	2,4-Dinitrophenol
780 U	UG/KG	2-Methyl-4,6-Dinitrophenol
780 U	UG/KG	Pentachlorophenol
780 U	UG/KG	4-Nitrophenol
390 U	UG/KG	2,3,4,6-Tetrachlorophenol
15.34	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8605 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

d/Station: PL-SS-02 /

Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 09:40

Ending:

samples leaking and very wet.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
360 U	UG/KG	bis(2-Chloroethyl) Ether
360 U	UG/KG	Benzaldehyde
360 U	UG/KG	Hexachloroethane
360 U	UG/KG	bis(2-Chloroisopropyl) Ether
360 U	UG/KG	n-Nitrosodi-n-Propylamine
360 U	UG/KG	Acetophenone
360 U	UG/KG	Nitrobenzene
360 U	UG/KG	Hexachlorobutadiene
360 U	UG/KG	Caprolactam
360 U	UG/KG	2-Methylnaphthalene
360 U	UG/KG	1,2,4-Trichlorobenzene
360 U	UG/KG	Naphthalene
360 U	UG/KG	4-Chloroaniline
360 U	UG/KG	bis(2-Chloroethoxy)Methane
360 U	UG/KG	Isophorone
360 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
360 U	UG/KG	1,1-Biphenyl
360 U	UG/KG	2-Chloronaphthalene
360 U	UG/KG	2-Nitroaniline
360 U	UG/KG	Acenaphthylene
360 U	UG/KG	Acenaphthene
360 U	UG/KG	Dimethyl Phthalate
360 U	UG/KG	Dibenzofuran
360 U	UG/KG	2,4-Dinitrotoluene
360 U	UG/KG	2,6-Dinitrotoluene
360 U	UG/KG	3-Nitroaniline
360 U	UG/KG	4-Chlorophenyl Phenyl Ether
360 U	UG/KG	4-Nitroaniline
360 U	UG/KG	Fluorene
360 U	UG/KG	Diethyl Phthalate
360 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
360 U	UG/KG	Hexachlorobenzene (HCB)
360 U	UG/KG	Atrazine
360 U	UG/KG	4-Bromophenyl Phenyl Ether
360 U	UG/KG	Phenanthrene
360 U	UG/KG	Anthracene
360 U	UG/KG	Carbazole
360 U	UG/KG	Di-n-Butylphthalate
360 U	UG/KG	Fluoranthene
360 U	UG/KG	Pyrene
360 U	UG/KG	Benzyl Butyl Phthalate
360 U	UG/KG	bis(2-Ethylhexyl) Phthalate
360 U	UG/KG	Benzo(a)Anthracene
360 U	UG/KG	Chrysene
360 U	UG/KG	3,3'-Dichlorobenzidine
360 U	UG/KG	Di-n-Octylphthalate
360 U	UG/KG	Benzo(b)Fluoranthene
360 U	UG/KG	Benzo(k)Fluoranthene
360 U	UG/KG	Benzo-a-Pyrene
360 U	UG/KG	Indeno (1,2,3-cd) Pyrene
360 U	UG/KG	Dibenzo(a,h)Anthracene
360 U	UG/KG	Benzo(ghi)Perylene
360 U	UG/KG	2-Chlorophenol
360 U	UG/KG	2-Methylphenol
360 U	UG/KG	(3-and/or 4-)Methylphenol
360 U	UG/KG	2-Nitrophenol
360 U	UG/KG	Phenol
360 U	UG/KG	2,4-Dimethylphenol
360 U	UG/KG	2,4-Dichlorophenol
360 U	UG/KG	2,4,6-Trichlorophenol
360 U	UG/KG	2,4,5-Trichlorophenol
360 U	UG/KG	4-Chloro-3-Methylphenol
720 U	UG/KG	2,4-Dinitrophenol
720 U	UG/KG	2-Methyl-4,6-Dinitrophenol
720 U	UG/KG	Pentachlorophenol
720 U	UG/KG	4-Nitrophenol
360 U	UG/KG	2,3,4,6-Tetrachlorophenol
8.69	%	% Moisture

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
fication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8605 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS-02 /

Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 09:40

Ending:

samples leaking and very wet.

RESULTS	UNITS	ANALYTE
400 J	UG/KG	1 Unidentified Compound

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
lication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]2/2[redacted]13:[redacted]

Sample 8603 FY 2003 Project: 03-0676
Extractables Scan
Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SB-02 /
Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 10:15
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
390 U	UG/KG	bis(2-Chloroethyl) Ether	390 U	UG/KG	Anthracene
390 U	UG/KG	Benzaldehyde	390 U	UG/KG	Carbazole
390 U	UG/KG	Hexachloroethane	390 U	UG/KG	Di-n-Butylphthalate
390 U	UG/KG	bis(2-Chloroisopropyl) Ether	390 U	UG/KG	Fluoranthene
390 U	UG/KG	n-Nitrosodi-n-Propylamine	390 U	UG/KG	Pyrene
390 U	UG/KG	Acetophenone	390 U	UG/KG	Benzyl Butyl Phthalate
390 U	UG/KG	Nitrobenzene	390 U	UG/KG	bis(2-Ethylhexyl) Phthalate
390 U	UG/KG	Hexachlorobutadiene	390 U	UG/KG	Benzo(a)Anthracene
390 U	UG/KG	Caprolactam	390 U	UG/KG	Chrysene
390 U	UG/KG	2-Methylnaphthalene	390 U	UG/KG	3,3'-Dichlorobenzidine
390 U	UG/KG	1,2,4-Trichlorobenzene	390 U	UG/KG	Di-n-Octylphthalate
390 U	UG/KG	Naphthalene	44 J	UG/KG	Benzo(b)Fluoranthene
390 U	UG/KG	4-Chloroaniline	43 J	UG/KG	Benzo(k)Fluoranthene
390 U	UG/KG	bis(2-Chloroethoxy)Methane	94 J	UG/KG	Benzo-a-Pyrene
390 U	UG/KG	Isophorone	140 J	UG/KG	Indeno (1,2,3-cd) Pyrene
390 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	140 J	UG/KG	Dibenzo(a,h)Anthracene
390 U	UG/KG	1,1-Biphenyl	140 J	UG/KG	Benzo(ghi)Perylene
390 U	UG/KG	2-Chloronaphthalene	390 U	UG/KG	2-Chlorophenol
390 U	UG/KG	2-Nitroaniline	390 U	UG/KG	2-Methylphenol
390 U	UG/KG	Acenaphthylene	390 U	UG/KG	(3-and/or 4-)Methylphenol
390 U	UG/KG	Acenaphthene	390 U	UG/KG	2-Nitrophenol
390 U	UG/KG	Dimethyl Phthalate	390 U	UG/KG	Phenol
390 U	UG/KG	Dibenzofuran	390 U	UG/KG	2,4-Dimethylphenol
390 U	UG/KG	2,4-Dinitrotoluene	390 U	UG/KG	2,4-Dichlorophenol
390 U	UG/KG	2,6-Dinitrotoluene	390 U	UG/KG	2,4,6-Trichlorophenol
390 U	UG/KG	3-Nitroaniline	390 U	UG/KG	2,4,5-Trichlorophenol
390 U	UG/KG	4-Chlorophenyl Phenyl Ether	390 U	UG/KG	4-Chloro-3-Methylphenol
390 U	UG/KG	4-Nitroaniline	780 U	UG/KG	2,4-Dinitrophenol
390 U	UG/KG	Fluorene	780 U	UG/KG	2-Methyl-4,6-Dinitrophenol
390 U	UG/KG	Diethyl Phthalate	780 U	UG/KG	Pentachlorophenol
390 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	780 U	UG/KG	4-Nitrophenol
390 U	UG/KG	Hexachlorobenzene (HCB)	390 U	UG/KG	2,3,4,6-Tetrachlorophenol
390 U	UG/KG	Atrazine	16.69	%	% Moisture
390 U	UG/KG	4-Bromophenyl Phenyl Ether			
390 U	UG/KG	Phenanthrene			

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]tio[redacted]te: [redacted] 2/2[redacted] 13[redacted]

Sample [redacted] 8606 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS-03 /
Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 14:15
Ending:
samples leaking and very wet.
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
420 U	UG/KG	bis(2-Chloroethyl) Ether
420 U	UG/KG	Benzaldehyde
420 U	UG/KG	Hexachloroethane
420 U	UG/KG	bis(2-Chloroisopropyl) Ether
420 U	UG/KG	n-Nitrosodi-n-Propylamine
420 U	UG/KG	Acetophenone
420 U	UG/KG	Nitrobenzene
420 U	UG/KG	Hexachlorobutadiene
79 J	UG/KG	Caprolactam
420 U	UG/KG	2-Methylnaphthalene
420 U	UG/KG	1,2,4-Trichlorobenzene
420 U	UG/KG	Naphthalene
420 U	UG/KG	4-Chloroaniline
420 U	UG/KG	bis(2-Chloroethoxy)Methane
420 U	UG/KG	Isophorone
420 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
420 U	UG/KG	1,1-Biphenyl
420 U	UG/KG	2-Chloronaphthalene
420 U	UG/KG	2-Nitroaniline
420 U	UG/KG	Acenaphthylene
420 U	UG/KG	Acenaphthene
420 U	UG/KG	Dimethyl Phthalate
420 U	UG/KG	Dibenzofuran
420 U	UG/KG	2,4-Dinitrotoluene
420 U	UG/KG	2,6-Dinitrotoluene
420 U	UG/KG	3-Nitroaniline
420 U	UG/KG	4-Chlorophenyl Phenyl Ether
420 U	UG/KG	4-Nitroaniline
420 U	UG/KG	Fluorene
420 U	UG/KG	Diethyl Phthalate
420 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
420 U	UG/KG	Hexachlorobenzene (HCB)
420 U	UG/KG	Atrazine
420 U	UG/KG	4-Bromophenyl Phenyl Ether
420 U	UG/KG	Phenanthrene
420 U	UG/KG	Anthracene
420 U	UG/KG	Carbazole
420 U	UG/KG	Di-n-Butylphthalate
420 U	UG/KG	Fluoranthene
55 J	UG/KG	Pyrene
420 U	UG/KG	Benzyl Butyl Phthalate
420 U	UG/KG	bis(2-Ethylhexyl) Phthalate
420 U	UG/KG	Benzo(a)Anthracene
44 J	UG/KG	Chrysene
420 U	UG/KG	3,3'-Dichlorobenzidine
420 U	UG/KG	Di-n-Octylphthalate
50 J	UG/KG	Benzo(b)Fluoranthene
43 J	UG/KG	Benzo(k)Fluoranthene
53 J	UG/KG	Benzo-a-Pyrene
420 U	UG/KG	Indeno (1,2,3-cd) Pyrene
420 U	UG/KG	Dibenzo(a,h)Anthracene
84 J	UG/KG	Benzo(ghi)Perylene
420 U	UG/KG	2-Chlorophenol
420 U	UG/KG	2-Methylphenol
420 U	UG/KG	(3-and/or 4-)Methylphenol
420 U	UG/KG	2-Nitrophenol
420 U	UG/KG	Phenol
420 U	UG/KG	2,4-Dimethylphenol
420 U	UG/KG	2,4-Dichlorophenol
420 U	UG/KG	2,4,6-Trichlorophenol
420 U	UG/KG	2,4,5-Trichlorophenol
420 U	UG/KG	4-Chloro-3-Methylphenol
830 U	UG/KG	2,4-Dinitrophenol
830 U	UG/KG	2-Methyl-4,6-Dinitrophenol
830 U	UG/KG	Pentachlorophenol
830 U	UG/KG	4-Nitrophenol
420 U	UG/KG	2,3,4,6-Tetrachlorophenol
22.08	%	% Moisture

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
fication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]tio[redacted]ate: [redacted]12/[redacted] 13:[redacted]

Sample 8606 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS-03 /
Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 14:15
Ending:
samples leaking and very wet.

RESULTS	UNITS	ANALYTE
400 JN	UG/KG	Hexadecanoic Acid
N	UG/KG	Petroleum Product

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
fication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8651 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB03 / PL-SB-03

Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 10:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
390 U	UG/KG	bis(2-Chloroethyl) Ether
390 U	UG/KG	Benzaldehyde
390 U	UG/KG	Hexachloroethane
390 U	UG/KG	bis(2-Chloroisopropyl) Ether
390 U	UG/KG	n-Nitrosodi-n-Propylamine
390 U	UG/KG	Acetophenone
390 U	UG/KG	Nitrobenzene
390 U	UG/KG	Hexachlorobutadiene
390 U	UG/KG	Caprolactam
390 U	UG/KG	2-Methylnaphthalene
390 U	UG/KG	1,2,4-Trichlorobenzene
390 U	UG/KG	Naphthalene
390 U	UG/KG	4-Chloroaniline
390 U	UG/KG	bis(2-Chloroethoxy)Methane
390 U	UG/KG	Isophorone
390 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
390 U	UG/KG	1,1-Biphenyl
390 U	UG/KG	2-Chloronaphthalene
390 U	UG/KG	2-Nitroaniline
390 U	UG/KG	Acenaphthylene
390 U	UG/KG	Acenaphthene
390 U	UG/KG	Dimethyl Phthalate
390 U	UG/KG	Dibenzofuran
390 U	UG/KG	2,4-Dinitrotoluene
390 U	UG/KG	2,6-Dinitrotoluene
390 U	UG/KG	3-Nitroaniline
390 U	UG/KG	4-Chlorophenyl Phenyl Ether
390 U	UG/KG	4-Nitroaniline
390 U	UG/KG	Fluorene
390 U	UG/KG	Diethyl Phthalate
390 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
390 U	UG/KG	Hexachlorobenzene (HCB)
390 U	UG/KG	Atrazine
390 U	UG/KG	4-Bromophenyl Phenyl Ether
390 U	UG/KG	Phenanthrene
390 U	UG/KG	Anthracene
390 U	UG/KG	Carbazole
390 U	UG/KG	Di-n-Butylphthalate
390 U	UG/KG	Fluoranthene
390 U	UG/KG	Pyrene
390 U	UG/KG	Benzyl Butyl Phthalate
390 U	UG/KG	bis(2-Ethylhexyl) Phthalate
390 U	UG/KG	Benzo(a)Anthracene
390 U	UG/KG	Chrysene
390 U	UG/KG	3,3'-Dichlorobenzidine
390 U	UG/KG	Di-n-Octylphthalate
63 J	UG/KG	Benzo(b)Fluoranthene
42 J	UG/KG	Benzo(k)Fluoranthene
45 J	UG/KG	Benzo-a-Pyrene
46 J	UG/KG	Indeno (1,2,3-cd) Pyrene
390 U	UG/KG	Dibenzo(a,h)Anthracene
75 J	UG/KG	Benzo(ghi)Perylene
390 U	UG/KG	2-Chlorophenol
390 U	UG/KG	2-Methylphenol
390 U	UG/KG	(3-and/or 4-)Methylphenol
390 U	UG/KG	2-Nitrophenol
390 U	UG/KG	Phenol
390 U	UG/KG	2,4-Dimethylphenol
390 U	UG/KG	2,4-Dichlorophenol
390 U	UG/KG	2,4,6-Trichlorophenol
390 U	UG/KG	2,4,5-Trichlorophenol
390 U	UG/KG	4-Chloro-3-Methylphenol
780 U	UG/KG	2,4-Dinitrophenol
780 U	UG/KG	2-Methyl-4,6-Dinitrophenol
780 U	UG/KG	Pentachlorophenol
780 U	UG/KG	4-Nitrophenol
390 U	UG/KG	2,3,4,6-Tetrachlorophenol
17.25	%	% Moisture

/te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
umptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
fication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]ion[redacted]e: [redacted]2/2[redacted]13:[redacted]

ample 8653 FY 2003 Project: 03-0676

xtractables Scan

acility: Former Pure Lead Products Miami, FL

rogram: SF

l/Station: PLSS05 / PL-SS-05

ledia: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/24/2003 09:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

ESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
330 U	UG/KG	bis(2-Chloroethyl) Ether	330 U	UG/KG	Anthracene
37 J	UG/KG	Benzaldehyde	330 U	UG/KG	Carbazole
330 U	UG/KG	Hexachloroethane	330 U	UG/KG	Di-n-Butylphthalate
330 U	UG/KG	bis(2-Chloroisopropyl) Ether	56 J	UG/KG	Fluoranthene
330 U	UG/KG	n-Nitrosodi-n-Propylamine	79 J	UG/KG	Pyrene
330 U	UG/KG	Acetophenone	330 U	UG/KG	Benzyl Butyl Phthalate
330 U	UG/KG	Nitrobenzene	330 U	UG/KG	bis(2-Ethylhexyl) Phthalate
330 U	UG/KG	Hexachlorobutadiene	40 J	UG/KG	Benzo(a)Anthracene
330 U	UG/KG	Caprolactam	59 J	UG/KG	Chrysene
50 J	UG/KG	2-Methylnaphthalene	330 U	UG/KG	3,3'-Dichlorobenzidine
330 U	UG/KG	1,2,4-Trichlorobenzene	330 U	UG/KG	Di-n-Octylphthalate
39 J	UG/KG	Naphthalene	61 J	UG/KG	Benzo(b)Fluoranthene
330 U	UG/KG	4-Chloroaniline	49 J	UG/KG	Benzo(k)Fluoranthene
330 U	UG/KG	bis(2-Chloroethoxy)Methane	52 J	UG/KG	Benzo-a-Pyrene
330 U	UG/KG	Isophorone	49 J	UG/KG	Indeno (1,2,3-cd) Pyrene
330 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	330 U	UG/KG	Dibenzo(a,h)Anthracene
330 U	UG/KG	1,1-Biphenyl	120 J	UG/KG	Benzo(ghi)Perylene
330 U	UG/KG	2-Chloronaphthalene	330 U	UG/KG	2-Chlorophenol
330 U	UG/KG	2-Nitroaniline	330 U	UG/KG	2-Methylphenol
330 U	UG/KG	Acenaphthylene	330 U	UG/KG	(3-and/or 4-)Methylphenol
330 U	UG/KG	Acenaphthene	330 U	UG/KG	2-Nitrophenol
330 U	UG/KG	Dimethyl Phthalate	330 U	UG/KG	Phenol
330 U	UG/KG	Dibenzofuran	330 U	UG/KG	2,4-Dimethylphenol
330 U	UG/KG	2,4-Dinitrotoluene	330 U	UG/KG	2,4-Dichlorophenol
330 U	UG/KG	2,6-Dinitrotoluene	330 U	UG/KG	2,4,6-Trichlorophenol
330 U	UG/KG	3-Nitroaniline	330 U	UG/KG	2,4,5-Trichlorophenol
330 U	UG/KG	4-Chlorophenyl Phenyl Ether	330 U	UG/KG	4-Chloro-3-Methylphenol
330 U	UG/KG	4-Nitroaniline	660 U	UG/KG	2,4-Dinitrophenol
330 U	UG/KG	Fluorene	660 U	UG/KG	2-Methyl-4,6-Dinitrophenol
330 U	UG/KG	Diethyl Phthalate	660 U	UG/KG	Pentachlorophenol
330 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	660 U	UG/KG	4-Nitrophenol
330 U	UG/KG	Hexachlorobenzene (HCB)	330 U	UG/KG	2,3,4,6-Tetrachlorophenol
330 U	UG/KG	Atrazine	0.80	%	% Moisture
330 U	UG/KG	4-Bromophenyl Phenyl Ether			
63 J	UG/KG	Phenanthrene			

e not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
nptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
cation of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
nalyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]tion[redacted]te: [redacted]2/2[redacted]13[redacted]

Sample 8652 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

I/Station: PLSB05 / PL-SB-05

Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 10:00

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

ESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
360 U	UG/KG	bis(2-Chloroethyl) Ether	360 U	UG/KG	Anthracene
50 J	UG/KG	Benzaldehyde	360 U	UG/KG	Carbazole
360 U	UG/KG	Hexachloroethane	360 U	UG/KG	Di-n-Butylphthalate
360 U	UG/KG	bis(2-Chloroisopropyl) Ether	48 J	UG/KG	Fluoranthene
360 U	UG/KG	n-Nitrosodi-n-Propylamine	53 J	UG/KG	Pyrene
360 U	UG/KG	Acetophenone	360 U	UG/KG	Benzyl Butyl Phthalate
360 U	UG/KG	Nitrobenzene	360 U	UG/KG	bis(2-Ethylhexyl) Phthalate
360 U	UG/KG	Hexachlorobutadiene	360 U	UG/KG	Benzo(a)Anthracene
360 U	UG/KG	Caprolactam	40 J	UG/KG	Chrysene
360 U	UG/KG	2-Methylnaphthalene	360 U	UG/KG	3,3'-Dichlorobenzidine
360 U	UG/KG	1,2,4-Trichlorobenzene	360 U	UG/KG	Di-n-Octylphthalate
360 U	UG/KG	Naphthalene	45 J	UG/KG	Benzo(b)Fluoranthene
360 U	UG/KG	4-Chloroaniline	52 J	UG/KG	Benzo(k)Fluoranthene
360 U	UG/KG	bis(2-Chloroethoxy)Methane	52 J	UG/KG	Benzo-a-Pyrene
360 U	UG/KG	Isophorone	360 U	UG/KG	Indeno (1,2,3-cd) Pyrene
360 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	360 U	UG/KG	Dibenzo(a,h)Anthracene
360 U	UG/KG	1,1-Biphenyl	69 J	UG/KG	Benzo(ghi)Perylene
360 U	UG/KG	2-Chloronaphthalene	360 U	UG/KG	2-Chlorophenol
360 U	UG/KG	2-Nitroaniline	360 U	UG/KG	2-Methylphenol
360 U	UG/KG	Acenaphthylene	360 U	UG/KG	(3-and/or 4-)Methylphenol
360 U	UG/KG	Acenaphthene	360 U	UG/KG	2-Nitrophenol
360 U	UG/KG	Dimethyl Phthalate	360 U	UG/KG	Phenol
360 U	UG/KG	Dibenzofuran	360 U	UG/KG	2,4-Dimethylphenol
360 U	UG/KG	2,4-Dinitrotoluene	360 U	UG/KG	2,4-Dichlorophenol
360 U	UG/KG	2,6-Dinitrotoluene	360 U	UG/KG	2,4,6-Trichlorophenol
360 U	UG/KG	3-Nitroaniline	360 U	UG/KG	2,4,5-Trichlorophenol
360 U	UG/KG	4-Chlorophenyl Phenyl Ether	360 U	UG/KG	4-Chloro-3-Methylphenol
360 U	UG/KG	4-Nitroaniline	710 U	UG/KG	2,4-Dinitrophenol
360 U	UG/KG	Fluorene	710 U	UG/KG	2-Methyl-4,6-Dinitrophenol
360 U	UG/KG	Diethyl Phthalate	710 U	UG/KG	Pentachlorophenol
360 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	710 U	UG/KG	4-Nitrophenol
360 U	UG/KG	Hexachlorobenzene (HCB)	360 U	UG/KG	2,3,4,6-Tetrachlorophenol
360 U	UG/KG	Atrazine	8.08	%	% Moisture
360 U	UG/KG	4-Bromophenyl Phenyl Ether			
360 U	UG/KG	Phenanthrene			

e not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
nptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ication of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
cation of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]tion[redacted]te: [redacted]2/2[redacted]13:[redacted]

Sample 8773 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

ID/Station: PLSS06 / PL-SS-06

Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:15

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
360 U	UG/KG	bis(2-Chloroethyl) Ether	360 U	UG/KG	Anthracene
360 U	UG/KG	Benzaldehyde	360 U	UG/KG	Carbazole
360 U	UG/KG	Hexachloroethane	360 U	UG/KG	Di-n-Butylphthalate
360 U	UG/KG	bis(2-Chloroisopropyl) Ether	65 J	UG/KG	Fluoranthene
360 U	UG/KG	n-Nitrosodi-n-Propylamine	77 J	UG/KG	Pyrene
360 U	UG/KG	Acetophenone	360 U	UG/KG	Benzyl Butyl Phthalate
360 U	UG/KG	Nitrobenzene	360 U	UG/KG	bis(2-Ethylhexyl) Phthalate
360 U	UG/KG	Hexachlorobutadiene	43 J	UG/KG	Benzo(a)Anthracene
360 U	UG/KG	Caprolactam	65 J	UG/KG	Chrysene
360 U	UG/KG	2-Methylnaphthalene	360 U	UG/KG	3,3'-Dichlorobenzidine
360 U	UG/KG	1,2,4-Trichlorobenzene	360 U	UG/KG	Di-n-Octylphthalate
360 U	UG/KG	Naphthalene	70 J	UG/KG	Benzo(b)Fluoranthene
360 U	UG/KG	4-Chloroaniline	65 J	UG/KG	Benzo(k)Fluoranthene
360 U	UG/KG	bis(2-Chloroethoxy)Methane	44 J	UG/KG	Benzo-a-Pyrene
360 U	UG/KG	Isophorone	40 J	UG/KG	Indeno (1,2,3-cd) Pyrene
360 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	360 U	UG/KG	Dibenzo(a,h)Anthracene
360 U	UG/KG	1,1-Biphenyl	58 J	UG/KG	Benzo(ghi)Perylene
360 U	UG/KG	2-Chloronaphthalene	360 U	UG/KG	2-Chlorophenol
360 U	UG/KG	2-Nitroaniline	360 U	UG/KG	2-Methylphenol
360 U	UG/KG	Acenaphthylene	360 U	UG/KG	(3-and/or 4-)Methylphenol
360 U	UG/KG	Acenaphthene	360 U	UG/KG	2-Nitrophenol
360 U	UG/KG	Dimethyl Phthalate	360 U	UG/KG	Phenol
360 U	UG/KG	Dibenzofuran	360 U	UG/KG	2,4-Dimethylphenol
360 U	UG/KG	2,4-Dinitrotoluene	360 U	UG/KG	2,4-Dichlorophenol
360 U	UG/KG	2,6-Dinitrotoluene	360 U	UG/KG	2,4,6-Trichlorophenol
360 U	UG/KG	3-Nitroaniline	360 U	UG/KG	2,4,5-Trichlorophenol
360 U	UG/KG	4-Chlorophenyl Phenyl Ether	360 U	UG/KG	4-Chloro-3-Methylphenol
360 U	UG/KG	4-Nitroaniline	720 U	UG/KG	2,4-Dinitrophenol
360 U	UG/KG	Fluorene	720 U	UG/KG	2-Methyl-4,6-Dinitrophenol
360 U	UG/KG	Diethyl Phthalate	720 U	UG/KG	Pentachlorophenol
360 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	720 U	UG/KG	4-Nitrophenol
360 U	UG/KG	Hexachlorobenzene (HCB)	360 U	UG/KG	2,3,4,6-Tetrachlorophenol
360 U	UG/KG	Atrazine	10.26	%	% Moisture
360 U	UG/KG	4-Bromophenyl Phenyl Ether			
360 U	UG/KG	Phenanthrene			

U not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
Nptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
Cation of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
Cation of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
Ce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]tio[redacted]te: [redacted] 2/2[redacted] 13[redacted]

Sample 8767 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

d/Station: PLSB06 / PL-SB-06

Media: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
400 U	UG/KG	bis(2-Chloroethyl) Ether
400 U	UG/KG	Benzaldehyde
400 U	UG/KG	Hexachloroethane
400 U	UG/KG	bis(2-Chloroisopropyl) Ether
400 U	UG/KG	n-Nitrosodi-n-Propylamine
400 U	UG/KG	Acetophenone
400 U	UG/KG	Nitrobenzene
400 U	UG/KG	Hexachlorobutadiene
400 U	UG/KG	Caprolactam
400 U	UG/KG	2-Methylnaphthalene
400 U	UG/KG	1,2,4-Trichlorobenzene
400 U	UG/KG	Naphthalene
400 U	UG/KG	4-Chloroaniline
400 U	UG/KG	bis(2-Chloroethoxy)Methane
400 U	UG/KG	Isophorone
400 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
400 U	UG/KG	1,1-Biphenyl
400 U	UG/KG	2-Chloronaphthalene
400 U	UG/KG	2-Nitroaniline
400 U	UG/KG	Acenaphthylene
400 U	UG/KG	Acenaphthene
400 U	UG/KG	Dimethyl Phthalate
400 U	UG/KG	Dibenzofuran
400 U	UG/KG	2,4-Dinitrotoluene
400 U	UG/KG	2,6-Dinitrotoluene
400 U	UG/KG	3-Nitroaniline
400 U	UG/KG	4-Chlorophenyl Phenyl Ether
400 U	UG/KG	4-Nitroaniline
400 U	UG/KG	Fluorene
400 U	UG/KG	Diethyl Phthalate
400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
400 U	UG/KG	Hexachlorobenzene (HCB)
400 U	UG/KG	Atrazine
400 U	UG/KG	4-Bromophenyl Phenyl Ether
400 U	UG/KG	Phenanthrene
400 U	UG/KG	Anthracene
400 U	UG/KG	Carbazole
400 U	UG/KG	Di-n-Butylphthalate
400 U	UG/KG	Fluoranthene
400 U	UG/KG	Pyrene
400 U	UG/KG	Benzyl Butyl Phthalate
400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
400 U	UG/KG	Benzo(a)Anthracene
400 U	UG/KG	Chrysene
400 U	UG/KG	3,3'-Dichlorobenzidine
400 U	UG/KG	Di-n-Octylphthalate
400 U	UG/KG	Benzo(b)Fluoranthene
400 U	UG/KG	Benzo(k)Fluoranthene
400 U	UG/KG	Benzo-a-Pyrene
400 U	UG/KG	Indeno (1,2,3-cd) Pyrene
400 U	UG/KG	Dibenzo(a,h)Anthracene
43 J	UG/KG	Benzo(ghi)Perylene
400 U	UG/KG	2-Chlorophenol
400 U	UG/KG	2-Methylphenol
400 U	UG/KG	(3-and/or 4-)Methylphenol
400 U	UG/KG	2-Nitrophenol
400 U	UG/KG	Phenol
400 U	UG/KG	2,4-Dimethylphenol
400 U	UG/KG	2,4-Dichlorophenol
400 U	UG/KG	2,4,6-Trichlorophenol
400 U	UG/KG	2,4,5-Trichlorophenol
400 U	UG/KG	4-Chloro-3-Methylphenol
800 U	UG/KG	2,4-Dinitrophenol
800 U	UG/KG	2-Methyl-4,6-Dinitrophenol
800 U	UG/KG	Pentachlorophenol
800 U	UG/KG	4-Nitrophenol
400 U	UG/KG	2,3,4,6-Tetrachlorophenol
19.3	%	% Moisture

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
umptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
fication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8774 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

I/Station: PLSS07 / PL-SS-07

Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 11:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
410 U	UG/KG	bis(2-Chloroethyl) Ether	410 U	UG/KG	Anthracene
42 J	UG/KG	Benzaldehyde	410 U	UG/KG	Carbazole
410 U	UG/KG	Hexachloroethane	410 U	UG/KG	Di-n-Butylphthalate
410 U	UG/KG	bis(2-Chloroisopropyl) Ether	270 J	UG/KG	Fluoranthene
410 U	UG/KG	n-Nitrosodi-n-Propylamine	300 J	UG/KG	Pyrene
410 U	UG/KG	Acetophenone	410 U	UG/KG	Benzyl Butyl Phthalate
410 U	UG/KG	Nitrobenzene	410 U	UG/KG	bis(2-Ethylhexyl) Phthalate
410 U	UG/KG	Hexachlorobutadiene	150 J	UG/KG	Benzo(a)Anthracene
410 U	UG/KG	Caprolactam	180 J	UG/KG	Chrysene
410 U	UG/KG	2-Methylnaphthalene	410 U	UG/KG	3,3'-Dichlorobenzidine
410 U	UG/KG	1,2,4-Trichlorobenzene	410 U	UG/KG	Di-n-Octylphthalate
410 U	UG/KG	Naphthalene	170 J	UG/KG	Benzo(b)Fluoranthene
410 U	UG/KG	4-Chloroaniline	150 J	UG/KG	Benzo(k)Fluoranthene
410 U	UG/KG	bis(2-Chloroethoxy)Methane	150 J	UG/KG	Benzo-a-Pyrene
410 U	UG/KG	Isophorone	83 J	UG/KG	Indeno (1,2,3-cd) Pyrene
410 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	410 U	UG/KG	Dibenzo(a,h)Anthracene
410 U	UG/KG	1,1-Biphenyl	98 J	UG/KG	Benzo(ghi)Perylene
410 U	UG/KG	2-Chloronaphthalene	410 U	UG/KG	2-Chlorophenol
410 U	UG/KG	2-Nitroaniline	410 U	UG/KG	2-Methylphenol
410 U	UG/KG	Acenaphthylene	410 U	UG/KG	(3-and/or 4-)Methylphenol
410 U	UG/KG	Acenaphthene	410 U	UG/KG	2-Nitrophenol
410 U	UG/KG	Dimethyl Phthalate	410 U	UG/KG	Phenol
410 U	UG/KG	Dibenzofuran	410 U	UG/KG	2,4-Dimethylphenol
410 U	UG/KG	2,4-Dinitrotoluene	410 U	UG/KG	2,4-Dichlorophenol
410 U	UG/KG	2,6-Dinitrotoluene	410 U	UG/KG	2,4,6-Trichlorophenol
410 U	UG/KG	3-Nitroaniline	410 U	UG/KG	2,4,5-Trichlorophenol
410 U	UG/KG	4-Chlorophenyl Phenyl Ether	410 U	UG/KG	4-Chloro-3-Methylphenol
410 U	UG/KG	4-Nitroaniline	820 U	UG/KG	2,4-Dinitrophenol
410 U	UG/KG	Fluorene	820 U	UG/KG	2-Methyl-4,6-Dinitrophenol
410 U	UG/KG	Diethyl Phthalate	820 U	UG/KG	Pentachlorophenol
410 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	820 U	UG/KG	4-Nitrophenol
410 U	UG/KG	Hexachlorobenzene (HCB)	410 U	UG/KG	2,3,4,6-Tetrachlorophenol
410 U	UG/KG	Atrazine	20.6	%	% Moisture
410 U	UG/KG	4-Bromophenyl Phenyl Ether			
76 J	UG/KG	Phenanthrene			

not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
iptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
cation of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ation of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
nalyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] on [redacted] e: [redacted]/2/20[redacted] 13:[redacted]

ample [redacted] 8766 FY 2003 Project: 03-0676

xtractables Scan

acility: Former Pure Lead Products Miami, FL

rogram: SF

l/Station: PLSB07 / PL-SB-07

iedia: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 11:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

ESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
400 U	UG/KG	bis(2-Chloroethyl) Ether	400 U	UG/KG	Anthracene
400 U	UG/KG	Benzaldehyde	400 U	UG/KG	Carbazole
400 U	UG/KG	Hexachloroethane	400 U	UG/KG	Di-n-Butylphthalate
400 U	UG/KG	bis(2-Chloroisopropyl) Ether	200 J	UG/KG	Fluoranthene
400 U	UG/KG	n-Nitrosodi-n-Propylamine	220 J	UG/KG	Pyrene
400 U	UG/KG	Acetophenone	400 U	UG/KG	Benzyl Butyl Phthalate
400 U	UG/KG	Nitrobenzene	400 U	UG/KG	bis(2-Ethylhexyl) Phthalate
400 U	UG/KG	Hexachlorobutadiene	91 J	UG/KG	Benzo(a)Anthracene
400 U	UG/KG	Caprolactam	110 J	UG/KG	Chrysene
400 U	UG/KG	2-Methylnaphthalene	400 U	UG/KG	3,3'-Dichlorobenzidine
400 U	UG/KG	1,2,4-Trichlorobenzene	400 U	UG/KG	Di-n-Octylphthalate
400 U	UG/KG	Naphthalene	100 J	UG/KG	Benzo(b)Fluoranthene
400 U	UG/KG	4-Chloroaniline	110 J	UG/KG	Benzo(k)Fluoranthene
400 U	UG/KG	bis(2-Chloroethoxy)Methane	93 J	UG/KG	Benzo-a-Pyrene
400 U	UG/KG	Isophorone	64 J	UG/KG	Indeno (1,2,3-cd) Pyrene
400 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	400 U	UG/KG	Dibenzo(a,h)Anthracene
400 U	UG/KG	1,1-Biphenyl	91 J	UG/KG	Benzo(ghi)Perylene
400 U	UG/KG	2-Chloronaphthalene	400 U	UG/KG	2-Chlorophenol
400 U	UG/KG	2-Nitroaniline	400 U	UG/KG	2-Methylphenol
400 U	UG/KG	Acenaphthylene	400 U	UG/KG	(3-and/or 4-)Methylphenol
400 U	UG/KG	Acenaphthene	400 U	UG/KG	2-Nitrophenol
400 U	UG/KG	Dimethyl Phthalate	400 U	UG/KG	Phenol
400 U	UG/KG	Dibenzofuran	400 U	UG/KG	2,4-Dimethylphenol
400 U	UG/KG	2,4-Dinitrotoluene	400 U	UG/KG	2,4-Dichlorophenol
400 U	UG/KG	2,6-Dinitrotoluene	400 U	UG/KG	2,4,6-Trichlorophenol
400 U	UG/KG	3-Nitroaniline	400 U	UG/KG	2,4,5-Trichlorophenol
400 U	UG/KG	4-Chlorophenyl Phenyl Ether	400 U	UG/KG	4-Chloro-3-Methylphenol
400 U	UG/KG	4-Nitroaniline	800 U	UG/KG	2,4-Dinitrophenol
400 U	UG/KG	Fluorene	800 U	UG/KG	2-Methyl-4,6-Dinitrophenol
400 U	UG/KG	Diethyl Phthalate	800 U	UG/KG	Pentachlorophenol
400 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	800 U	UG/KG	4-Nitrophenol
400 U	UG/KG	Hexachlorobenzene (HCB)	400 U	UG/KG	2,3,4,6-Tetrachlorophenol
400 U	UG/KG	Atrazine	17.52	%	% Moisture
400 U	UG/KG	4-Bromophenyl Phenyl Ether			
487 J	UG/KG	Phenanthrene			

n not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
cation of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
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nalyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]ctio[redacted]ate: [redacted]12/[redacted] 13[redacted]

Sample 8775 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS08 / PL-SS-08

Media: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 10:05

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
420 U	UG/KG	bis(2-Chloroethyl) Ether
84 J	UG/KG	Benzaldehyde
420 U	UG/KG	Hexachloroethane
420 U	UG/KG	bis(2-Chloroisopropyl) Ether
420 U	UG/KG	n-Nitrosodi-n-Propylamine
420 U	UG/KG	Acetophenone
420 U	UG/KG	Nitrobenzene
420 U	UG/KG	Hexachlorobutadiene
420 U	UG/KG	Caprolactam
520	UG/KG	2-Methylnaphthalene
420 U	UG/KG	1,2,4-Trichlorobenzene
700	UG/KG	Naphthalene
420 U	UG/KG	4-Chloroaniline
420 U	UG/KG	bis(2-Chloroethoxy)Methane
420 U	UG/KG	Isophorone
420 U	UG/KG	Hexachlorocyclopentadiene (HCCP)
420 U	UG/KG	1,1-Biphenyl
420 U	UG/KG	2-Chloronaphthalene
420 U	UG/KG	2-Nitroaniline
420 U	UG/KG	Acenaphthylene
420 U	UG/KG	Acenaphthene
420 U	UG/KG	Dimethyl Phthalate
46 J	UG/KG	Dibenzofuran
420 U	UG/KG	2,4-Dinitrotoluene
420 U	UG/KG	2,6-Dinitrotoluene
420 U	UG/KG	3-Nitroaniline
420 U	UG/KG	4-Chlorophenyl Phenyl Ether
420 U	UG/KG	4-Nitroaniline
420 U	UG/KG	Fluorene
420 U	UG/KG	Diethyl Phthalate
420 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine
420 U	UG/KG	Hexachlorobenzene (HCB)
420 U	UG/KG	Atrazine
420 U	UG/KG	4-Bromophenyl Phenyl Ether
270 J	UG/KG	Phenanthrene
58 J	UG/KG	Anthracene
420 U	UG/KG	Carbazole
420 U	UG/KG	Di-n-Butylphthalate
230 J	UG/KG	Fluoranthene
560	UG/KG	Pyrene
420 U	UG/KG	Benzyl Butyl Phthalate
1000	UG/KG	bis(2-Ethylhexyl) Phthalate
92 J	UG/KG	Benzo(a)Anthracene
330 J	UG/KG	Chrysene
420 U	UG/KG	3,3'-Dichlorobenzidine
420 U	UG/KG	Di-n-Octylphthalate
420 U	UG/KG	Benzo(b)Fluoranthene
420 U	UG/KG	Benzo(k)Fluoranthene
750	UG/KG	Benzo-a-Pyrene
420 U	UG/KG	Indeno (1,2,3-cd) Pyrene
420 U	UG/KG	Dibenzo(a,h)Anthracene
420 U	UG/KG	Benzo(ghi)Perylene
420 U	UG/KG	2-Chlorophenol
420 U	UG/KG	2-Methylphenol
420 U	UG/KG	(3-and/or 4-)Methylphenol
420 U	UG/KG	2-Nitrophenol
420 U	UG/KG	Phenol
420 U	UG/KG	2,4-Dimethylphenol
420 U	UG/KG	2,4-Dichlorophenol
420 U	UG/KG	2,4,6-Trichlorophenol
420 U	UG/KG	2,4,5-Trichlorophenol
420 U	UG/KG	4-Chloro-3-Methylphenol
840 U	UG/KG	2,4-Dinitrophenol
840 U	UG/KG	2-Methyl-4,6-Dinitrophenol
840 U	UG/KG	Pentachlorophenol
840 U	UG/KG	4-Nitrophenol
420 U	UG/KG	2,3,4,6-Tetrachlorophenol
23.2	%	% Moisture

yte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
umptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Produc[redacted]ion [redacted]e: [redacted]2/20[redacted]13:[redacted]

ample 8775 FY 2003 Project: 03-0676

IISCELLANEOUS COMPOUNDS

acility: Former Pure Lead Products Miami, FL
rogram: SF
l/Station: PLSS08 / PL-SS-08
edia: SURFACE SOIL (0" - 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 10:05
Ending:

ESULTS	UNITS	ANALYTE
N	UG/KG	Petroleum Product

not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
ıptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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ɔe or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

ample 8769 FY 2003 Project: 03-0676

xtractables Scan

acility: Former Pure Lead Products Miami, FL

rogram: SF

I/Station: PLSB08 / PL-SB-08

ledia: SUBSURFACE SOIL (> 12")

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 10:45
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

ESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
380 U	UG/KG	bis(2-Chloroethyl) Ether	380 U	UG/KG	Anthracene
380 U	UG/KG	Benzaldehyde	380 U	UG/KG	Carbazole
380 U	UG/KG	Hexachloroethane	380 U	UG/KG	Di-n-Butylphthalate
380 U	UG/KG	bis(2-Chloroisopropyl) Ether	380 U	UG/KG	Fluoranthene
380 U	UG/KG	n-Nitrosodi-n-Propylamine	380 U	UG/KG	Pyrene
380 U	UG/KG	Acetophenone	380 U	UG/KG	Benzyl Butyl Phthalate
380 U	UG/KG	Nitrobenzene	380 U	UG/KG	bis(2-Ethylhexyl) Phthalate
380 U	UG/KG	Hexachlorobutadiene	380 U	UG/KG	Benzo(a)Anthracene
380 U	UG/KG	Caprolactam	380 U	UG/KG	Chrysene
380 U	UG/KG	2-Methylnaphthalene	380 U	UG/KG	3,3'-Dichlorobenzidine
380 U	UG/KG	1,2,4-Trichlorobenzene	380 U	UG/KG	Di-n-Octylphthalate
380 U	UG/KG	Naphthalene	380 U	UG/KG	Benzo(b)Fluoranthene
380 U	UG/KG	4-Chloroaniline	380 U	UG/KG	Benzo(k)Fluoranthene
380 U	UG/KG	bis(2-Chloroethoxy)Methane	380 U	UG/KG	Benzo-a-Pyrene
380 U	UG/KG	Isophorone	380 U	UG/KG	Indeno (1,2,3-cd) Pyrene
380 U	UG/KG	Hexachlorocyclopentadiene (HCCP)	380 U	UG/KG	Dibenzo(a,h)Anthracene
380 U	UG/KG	1,1-Biphenyl	380 U	UG/KG	Benzo(ghi)Perylene
380 U	UG/KG	2-Chloronaphthalene	380 U	UG/KG	2-Chlorophenol
380 U	UG/KG	2-Nitroaniline	380 U	UG/KG	2-Methylphenol
380 U	UG/KG	Acenaphthylene	380 U	UG/KG	(3-and/or 4-)Methylphenol
380 U	UG/KG	Acenaphthene	380 U	UG/KG	2-Nitrophenol
380 U	UG/KG	Dimethyl Phthalate	380 U	UG/KG	Phenol
380 U	UG/KG	Dibenzofuran	380 U	UG/KG	2,4-Dimethylphenol
380 U	UG/KG	2,4-Dinitrotoluene	380 U	UG/KG	2,4-Dichlorophenol
380 U	UG/KG	2,6-Dinitrotoluene	380 U	UG/KG	2,4,6-Trichlorophenol
380 U	UG/KG	3-Nitroaniline	380 U	UG/KG	2,4,5-Trichlorophenol
380 U	UG/KG	4-Chlorophenyl Phenyl Ether	380 U	UG/KG	4-Chloro-3-Methylphenol
380 U	UG/KG	4-Nitroaniline	770 U	UG/KG	2,4-Dinitrophenol
380 U	UG/KG	Fluorene	770 U	UG/KG	2-Methyl-4,6-Dinitrophenol
380 U	UG/KG	Diethyl Phthalate	770 U	UG/KG	Pentachlorophenol
380 U	UG/KG	n-Nitrosodiphenylamine/Diphenylamine	770 U	UG/KG	4-Nitrophenol
380 U	UG/KG	Hexachlorobenzene (HCB)	380 U	UG/KG	2,3,4,6-Tetrachlorophenol
380 U	UG/KG	Atrazine	14.1	%	% Moisture
380 U	UG/KG	4-Bromophenyl Phenyl Ether			
380 U	UG/KG	Phenanthrene			

e not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
nptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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cation of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 08/18/2003

Subject: Results of METALS Sample Analysis
03-0717 Former Pure Lead Products
Miami, FL

BUREAU OF WASTE CLEANUP

From: Goddard, Denise

To: Dick, Barbara

TECHNICAL REVIEW SECTION

CC: Teresa Booeshaghi
FDEP

Thru: QA Office

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

ATTACHMENT

July 29, 2003

INORGANIC DATA QUALIFIERS REPORT

Case Number: 31861
Project Number: 03-0717
Site: Former Pure Lead Products, Miami, FL

Sample No.	Element	Flag	Reason
9066	CN	U	Baseline instability in cal and prep blanks
9067	CN	U	Baseline instability in cal and prep blanks
9068	CN	U	Baseline instability in cal and prep blanks
9069	CN	U	Baseline instability in cal and prep blanks
9070	CN	U	Baseline instability in cal and prep blanks
9071	CN	U	Baseline instability in cal and prep blanks
9072	CN	U	Baseline instability in cal and prep blanks
9073	CN	U	Baseline instability in cal and prep blanks
9074	CN	U	Baseline instability in cal and prep blanks
9075	CN	U	Baseline instability in cal and prep blanks
9076	CN	U	Baseline instability in cal and prep blanks
9077	CN	U	Baseline instability in cal and prep blanks
9078	CN	U	Baseline instability in cal and prep blanks
9079	CN	U	Baseline instability in cal and prep blanks
9080	Sb	J	PE sample recovery < warning limit
	As	U	Baseline instability in cal blanks
	Fe	U	Positives in prep and blind blanks
	Ag	J	Matrix spike recovery = 37.9%
	CN	UJ	Matrix spike recovery = 71%
			Baseline instability in cal and prep blanks
9081	CN	U	Baseline instability in cal and prep blanks
9082	Sb	J	PE sample recovery < warning limit
	Fe	U	Positives in prep and blind blanks
	Ag	J	Matrix spike recovery = 37.9%
	CN	UJ	Matrix spike recovery = 71%
			Baseline instability in cal and prep blanks
9083	Sb	J	PE sample recovery < warning limit
	Fe	U	Positives in prep and blind blanks
	Mn	U	Baseline instability in cal and blind blanks
	Ag	J	Matrix spike recovery = 37.9%
	CN	UJ	Matrix spike recovery = 71%
			Baseline instability in cal and prep blanks

July 29, 2003

INORGANIC DATA QUALIFIERS REPORT (continued)

Case Number: 31861
Project Number: 03-0717
Site: Former Pure Lead Products, Miami, FL

Sample No.	Element	Flag	Reason
9084	Sb	J	PE sample recovery < warning limit
	Fe	U	Positives in prep and blind blanks
	Pb	J	% RSD > 20% for ICP multiple exposures
	Mn	U	Baseline instability in cal and blind blanks
	Ag	J	Matrix spike recovery = 37.9%
	CN	UJ	Matrix spike recovery = 71%
			Baseline instability in cal and prep blanks
9085	Sb	J	PE sample recovery < warning limit
	Fe	U	Positives in prep and blind blanks
	Pb	U	Baseline instability in cal and blind blank
	Mn	U	Baseline instability in cal and blind blanks
	Ni	U	Baseline instability in blind blank
	Ag	J	Matrix spike recovery = 37.9%
	Zn	U	Baseline instability in blind blank
	CN	UJ	Matrix spike recovery = 71%
			Baseline instability in cal and prep blanks
9086	Al	J	% RSD > 20% for ICP multiple exposures
	Sb	J	PE sample recovery < warning limit
	As	U	Baseline instability in cal blanks
	Fe	U	Positives in prep and blind blanks
	Pb	J	% RSD > 20% for ICP multiple exposures
	Mn	U	Baseline instability in cal and blind blanks
	Ag	J	Matrix spike recovery = 37.9%
	Zn	U	Baseline instability in blind blank
	CN	UJ	Matrix spike recovery = 71%
			Baseline instability in cal and prep blanks
9087	Sb	J	PE sample recovery < warning limit
	As	U	Baseline instability in cal blanks
	Fe	U	Positives in prep and blind blanks
	Ag	J	Matrix spike recovery = 37.9%
	CN	UJ	Matrix spike recovery = 71%
			Baseline instability in cal and prep blanks

Sample 9065 FY 2003 Project: 03-0717

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF Case No: 31861
Id/Station: PLTB / MD No: 20J2 Inorg Contractor: DATAC
Media: TRIP BLANK - WATER

Produced by: Goddard, Denise
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 16:00
Ending:

RESULTS	UNITS	ANALYTE
61 U	UG/L	Aluminum
37 U	UG/L	Antimony
2.1 U	UG/L	Arsenic
1.3 U	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
54 U	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
240	UG/L	Iron
3.3	UG/L	Lead
36 U	UG/L	Magnesium
1.0	UG/L	Manganese
0.10 U	UG/L	Total Mercury
12	UG/L	Nickel
546 U	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 U	UG/L	Silver
150 U	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
14	UG/L	Zinc
NA	UG/L	Cyanide

nide Analysis Not Requested

nalyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
resumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
entification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
entification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
esence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Produ[redacted]Date[redacted]/18[redacted]03 1[redacted]

Sample 9080 FY 2003 Project 03-0717

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF Case No: 31861
Id/Station: PLSSEB / MD No: 20M4 Inorg Contractor: DATAC
Media: EQUIPMENT RINSE BLANK

Produced by: Goddard, Denise
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 13:00
Ending:

RESULTS	UNITS	ANALYTE
61 U	UG/L	Aluminum
37 UJ	UG/L	Antimony
2.9 U	UG/L	Arsenic
1.3 U	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
54 U	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
110 U	UG/L	Iron
2.1 U	UG/L	Lead
36 U	UG/L	Magnesium
0.67 U	UG/L	Manganese
0.10 U	UG/L	Total Mercury
11 U	UG/L	Nickel
550 U	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 UJ	UG/L	Silver
150 U	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
5.0 U	UG/L	Zinc
10 UJ	UG/L	Cyanide

nalyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
esumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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ntification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
esence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pr[redacted]ctic[redacted]ate[redacted]/18/[redacted]3 1[redacted] [redacted]

Sample 9082 FY 2003 Project: 03-0717

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF Case No: 31861
Id/Station: PLMW01 / MD No: LMW7 Inorg Contractor: DATAC
Media: GROUNDWATER

Produced by: Goddard, Denise
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 16:30
Ending:

RESULTS	UNITS	ANALYTE
61 U	UG/L	Aluminum
37 UJ	UG/L	Antimony
25	UG/L	Arsenic
23	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
100000	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
860 U	UG/L	Iron
2.1 U	UG/L	Lead
4100	UG/L	Magnesium
18	UG/L	Manganese
0.10 U	UG/L	Total Mercury
11 U	UG/L	Nickel
4000	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 UJ	UG/L	Silver
21000	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
5.0 U	UG/L	Zinc
10 UJ	UG/L	Cyanide

alyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
esumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
entification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ntification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
lot Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
esence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 9083 FY 2003 Project: 03-0717

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF Case No: 31861
Id/Station: PLMW02 / MD No: LMW9 Inorg Contractor: DATAC
Media: GROUNDWATER

Produced by: Goddard, Denise
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 09:50
Ending:

RESULTS	UNITS	ANALYTE
64	UG/L	Aluminum
37 UJ	UG/L	Antimony
2.1 U	UG/L	Arsenic
19	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
84000	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
230 U	UG/L	Iron
2.1 U	UG/L	Lead
3600	UG/L	Magnesium
11 U	UG/L	Manganese
0.10 U	UG/L	Total Mercury
11 U	UG/L	Nickel
2600	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 UJ	UG/L	Silver
22000	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
5.0 U	UG/L	Zinc
10 UJ	UG/L	Cyanide

Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
dentification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
dentification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

METALS SAMPLE ANALYSIS

EPA - REGION IV SESD, ATHENS, GA

Production Date: 08/18/2003 13:43

Sample **9084** FY **2003** Project: **03-0717**

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF Case No: 31861

Id/Station: PLMW03 / MD No: LMX0 Inorg Contractor: DATAC

Media: GROUNDWATER

Produced by: Goddard, Denise

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 13:00

Ending:

RESULTS	UNITS	ANALYTE
61 U	UG/L	Aluminum
37 J	UG/L	Antimony
2.1 U	UG/L	Arsenic
32	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
86000	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
180 U	UG/L	Iron
11 J	UG/L	Lead
4500	UG/L	Magnesium
13 U	UG/L	Manganese
0.10 U	UG/L	Total Mercury
11 U	UG/L	Nickel
3100	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 UJ	UG/L	Silver
32000	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
5.0 U	UG/L	Zinc
10 UJ	UG/L	Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 9085 FY 2003 Project: 03-0717

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF Case No: 31861
Id/Station: PLMW04 / MD No: LMX1 Inorg Contractor: DATAC
Media: GROUNDWATER

Produced by: Goddard, Denise
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003
Ending:

RESULTS	UNITS	ANALYTE
280	UG/L	Aluminum
37 UJ	UG/L	Antimony
2.1 U	UG/L	Arsenic
26	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
74000	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
85 U	UG/L	Iron
3.2 U	UG/L	Lead
2400	UG/L	Magnesium
15 U	UG/L	Manganese
0.10 U	UG/L	Total Mercury
13 U	UG/L	Nickel
2200	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 UJ	UG/L	Silver
13000	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
7.3 U	UG/L	Zinc
10 UJ	UG/L	Cyanide

alyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
sumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ntification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ntification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
ot Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
sence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 9086 FY 2003 Project: 03-0717

Produced by: Goddard, Denise
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 12:30
Ending:

Metals Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF Case No: 31861
Id/Station: PLMW05 / MD No: LMX2 Inorg Contractor: DATAC
Media: GROUNDWATER

RESULTS	UNITS	ANALYTE
80 J	UG/L	Aluminum
37 J	UG/L	Antimony
2.7 U	UG/L	Arsenic
20	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
58000	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
170 U	UG/L	Iron
4.9 J	UG/L	Lead
1100	UG/L	Magnesium
15 U	UG/L	Manganese
0.10 U	UG/L	Total Mercury
11 U	UG/L	Nickel
1900	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 UJ	UG/L	Silver
4400	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
8.0 U	UG/L	Zinc
10 UJ	UG/L	Cyanide

ıalyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
esumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ɜntification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ɜntification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
esence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Product [redacted] Dat[redacted]/18[redacted]03 [redacted]3 [redacted]

Sample 9087 FY 2003 Project: 03-0717

Metals Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF Case No: 31861

Id/Station: PLGWEB / MD No: LMX3 Inorg Contractor: DATAC

Media: EQUIPMENT RINSE BLANK

Produced by: Goddard, Denise

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 15:30

Ending:

RESULTS	UNITS	ANALYTE
61 U	UG/L	Aluminum
37 UJ	UG/L	Antimony
2.3 U	UG/L	Arsenic
1.3 U	UG/L	Barium
1.3 U	UG/L	Beryllium
0.44 U	UG/L	Cadmium
54 U	UG/L	Calcium
5.1 U	UG/L	Chromium
7.3 U	UG/L	Cobalt
5.3 U	UG/L	Copper
20 U	UG/L	Iron
2.1 U	UG/L	Lead
36 U	UG/L	Magnesium
0.67 U	UG/L	Manganese
0.10 U	UG/L	Total Mercury
11 U	UG/L	Nickel
550 U	UG/L	Potassium
2.6 U	UG/L	Selenium
6.8 UJ	UG/L	Silver
150 U	UG/L	Sodium
4.4 U	UG/L	Thallium
5.8 U	UG/L	Vanadium
5.0 U	UG/L	Zinc
10 UJ	UG/L	Cyanide

Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
dentification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
dentification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]12/2[redacted] 13[redacted]

Sample 8990 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

d/Station: PLGWEB /

Media: EQUIPMENT RINSE BLANK

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 15:30

Ending:

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
10 U	UG/L	bis(2-Chloroethyl) Ether	10 U	UG/L	Anthracene
10 U	UG/L	Benzaldehyde	10 U	UG/L	Carbazole
10 U	UG/L	Hexachloroethane	10 U	UG/L	Di-n-Butylphthalate
10 U	UG/L	bis(2-Chloroisopropyl) Ether	10 U	UG/L	Fluoranthene
10 U	UG/L	n-Nitrosodi-n-Propylamine	10 U	UG/L	Pyrene
10 U	UG/L	Acetophenone	10 U	UG/L	Benzyl Butyl Phthalate
10 U	UG/L	Nitrobenzene	10 U	UG/L	bis(2-Ethylhexyl) Phthalate
10 U	UG/L	Hexachlorobutadiene	10 U	UG/L	Benzo(a)Anthracene
10 U	UG/L	Caprolactam	10 U	UG/L	Chrysene
10 U	UG/L	2-Methylnaphthalene	10 U	UG/L	3,3'-Dichlorobenzidine
10 U	UG/L	1,2,4-Trichlorobenzene	10 U	UG/L	Di-n-Octylphthalate
10 U	UG/L	Naphthalene	10 U	UG/L	Benzo(b)Fluoranthene
10 U	UG/L	4-Chloroaniline	10 U	UG/L	Benzo(k)Fluoranthene
10 U	UG/L	bis(2-Chloroethoxy)Methane	10 U	UG/L	Benzo-a-Pyrene
10 U	UG/L	Isophorone	10 U	UG/L	Indeno (1,2,3-cd) Pyrene
10 U	UG/L	Hexachlorocyclopentadiene (HCCP)	10 U	UG/L	Dibenzo(a,h)Anthracene
10 U	UG/L	1,1-Biphenyl	10 U	UG/L	Benzo(ghi)Perylene
10 U	UG/L	2-Chloronaphthalene	10 U	UG/L	2-Chlorophenol
10 U	UG/L	2-Nitroaniline	10 U	UG/L	2-Methylphenol
10 U	UG/L	Acenaphthylene	10 U	UG/L	(3-and/or 4-)Methylphenol
10 U	UG/L	Acenaphthene	10 U	UG/L	2-Nitrophenol
10 U	UG/L	Dimethyl Phthalate	10 U	UG/L	Phenol
10 U	UG/L	Dibenzofuran	10 U	UG/L	2,4-Dimethylphenol
10 U	UG/L	2,4-Dinitrotoluene	10 U	UG/L	2,4-Dichlorophenol
10 U	UG/L	2,6-Dinitrotoluene	10 U	UG/L	2,4,6-Trichlorophenol
10 U	UG/L	3-Nitroaniline	10 U	UG/L	2,4,5-Trichlorophenol
10 U	UG/L	4-Chlorophenyl Phenyl Ether	10 U	UG/L	4-Chloro-3-Methylphenol
10 U	UG/L	4-Nitroaniline	20 U	UG/L	2,4-Dinitrophenol
10 U	UG/L	Fluorene	20 U	UG/L	2-Methyl-4,6-Dinitrophenol
10 U	UG/L	Diethyl Phthalate	20 U	UG/L	Pentachlorophenol
10 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine	20 U	UG/L	4-Nitrophenol
10 U	UG/L	Hexachlorobenzene (HCB)	10 U	UG/L	2,3,4,6-Tetrachlorophenol
10 U	UG/L	Atrazine			
10 U	UG/L	4-Bromophenyl Phenyl Ether			
10 U	UG/L	Phenanthrene			

rte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
umptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
fication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8992 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

ID/Station: PLMW01 /

Media: GROUNDWATER

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 16:30

Ending:

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
10 U	UG/L	bis(2-Chloroethyl) Ether	10 U	UG/L	Anthracene
10 U	UG/L	Benzaldehyde	10 U	UG/L	Carbazole
10 U	UG/L	Hexachloroethane	10 U	UG/L	Di-n-Butylphthalate
10 U	UG/L	bis(2-Chloroisopropyl) Ether	10 U	UG/L	Fluoranthene
10 U	UG/L	n-Nitrosodi-n-Propylamine	10 U	UG/L	Pyrene
10 U	UG/L	Acetophenone	10 U	UG/L	Benzyl Butyl Phthalate
10 U	UG/L	Nitrobenzene	10 U	UG/L	bis(2-Ethylhexyl) Phthalate
10 U	UG/L	Hexachlorobutadiene	10 U	UG/L	Benzo(a)Anthracene
10 U	UG/L	Caprolactam	10 U	UG/L	Chrysene
10 U	UG/L	2-Methylnaphthalene	10 U	UG/L	3,3'-Dichlorobenzidine
10 U	UG/L	1,2,4-Trichlorobenzene	10 U	UG/L	Di-n-Octylphthalate
10 U	UG/L	Naphthalene	10 U	UG/L	Benzo(b)Fluoranthene
10 U	UG/L	4-Chloroaniline	10 U	UG/L	Benzo(k)Fluoranthene
10 U	UG/L	bis(2-Chloroethoxy)Methane	10 U	UG/L	Benzo-a-Pyrene
10 U	UG/L	Isophorone	10 U	UG/L	Indeno (1,2,3-cd) Pyrene
10 U	UG/L	Hexachlorocyclopentadiene (HCCP)	10 U	UG/L	Dibenzo(a,h)Anthracene
10 U	UG/L	1,1-Biphenyl	10 U	UG/L	Benzo(ghi)Perylene
10 U	UG/L	2-Chloronaphthalene	10 U	UG/L	2-Chlorophenol
10 U	UG/L	2-Nitroaniline	10 U	UG/L	2-Methylphenol
10 U	UG/L	Acenaphthylene	10 U	UG/L	(3-and/or 4-)Methylphenol
10 U	UG/L	Acenaphthene	10 U	UG/L	2-Nitrophenol
10 U	UG/L	Dimethyl Phthalate	10 U	UG/L	Phenol
10 U	UG/L	Dibenzofuran	10 U	UG/L	2,4-Dimethylphenol
10 U	UG/L	2,4-Dinitrotoluene	10 U	UG/L	2,4-Dichlorophenol
10 U	UG/L	2,6-Dinitrotoluene	10 U	UG/L	2,4,6-Trichlorophenol
10 U	UG/L	3-Nitroaniline	10 U	UG/L	2,4,5-Trichlorophenol
10 U	UG/L	4-Chlorophenyl Phenyl Ether	10 U	UG/L	4-Chloro-3-Methylphenol
10 U	UG/L	4-Nitroaniline	20 U	UG/L	2,4-Dinitrophenol
10 U	UG/L	Fluorene	20 U	UG/L	2-Methyl-4,6-Dinitrophenol
10 U	UG/L	Diethyl Phthalate	20 U	UG/L	Pentachlorophenol
10 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine	20 U	UG/L	4-Nitrophenol
10 U	UG/L	Hexachlorobenzene (HCB)	10 U	UG/L	2,3,4,6-Tetrachlorophenol
10 U	UG/L	Atrazine			
10 U	UG/L	4-Bromophenyl Phenyl Ether			
10 U	UG/L	Phenanthrene			

e not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
nptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
cation of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
:ation of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
nalyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ıce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]tio[redacted]te: [redacted]2/[redacted]13[redacted]

Sample 8992 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW01 /
Media: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 16:30
Ending:

RESULTS	UNITS	ANALYTE
20 JN	UG/L	Bromacil

yte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
umptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
ification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
ification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8993 FY 2003 Project: 03-0676
Extractables Scan
Facility: Former Pure Lead Products Miami, FL
Program: SF
I/Station: PLMW02 /
Media: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 09:50
Ending:

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
10 U	UG/L	bis(2-Chloroethyl) Ether	10 U	UG/L	Anthracene
10 U	UG/L	Benzaldehyde	10 U	UG/L	Carbazole
10 U	UG/L	Hexachloroethane	10 U	UG/L	Di-n-Butylphthalate
10 U	UG/L	bis(2-Chloroisopropyl) Ether	10 U	UG/L	Fluoranthene
10 U	UG/L	n-Nitrosodi-n-Propylamine	10 U	UG/L	Pyrene
10 U	UG/L	Acetophenone	10 U	UG/L	Benzyl Butyl Phthalate
10 U	UG/L	Nitrobenzene	10 U	UG/L	bis(2-Ethylhexyl) Phthalate
10 U	UG/L	Hexachlorobutadiene	10 U	UG/L	Benzo(a)Anthracene
10 U	UG/L	Caprolactam	10 U	UG/L	Chrysene
10 U	UG/L	2-Methylnaphthalene	10 U	UG/L	3,3'-Dichlorobenzidine
10 U	UG/L	1,2,4-Trichlorobenzene	10 U	UG/L	Di-n-Octylphthalate
10 U	UG/L	Naphthalene	10 U	UG/L	Benzo(b)Fluoranthene
10 U	UG/L	4-Chloroaniline	10 U	UG/L	Benzo(k)Fluoranthene
10 U	UG/L	bis(2-Chloroethoxy)Methane	10 U	UG/L	Benzo-a-Pyrene
10 U	UG/L	Isophorone	10 U	UG/L	Indeno (1,2,3-cd) Pyrene
10 U	UG/L	Hexachlorocyclopentadiene (HCCP)	10 U	UG/L	Dibenzo(a,h)Anthracene
10 U	UG/L	1,1-Biphenyl	10 U	UG/L	Benzo(ghi)Perylene
10 U	UG/L	2-Chloronaphthalene	10 U	UG/L	2-Chlorophenol
10 U	UG/L	2-Nitroaniline	10 U	UG/L	2-Methylphenol
10 U	UG/L	Acenaphthylene	10 U	UG/L	(3-and/or 4-)Methylphenol
10 U	UG/L	Acenaphthene	10 U	UG/L	2-Nitrophenol
10 U	UG/L	Dimethyl Phthalate	10 U	UG/L	Phenol
10 U	UG/L	Dibenzofuran	10 U	UG/L	2,4-Dimethylphenol
10 U	UG/L	2,4-Dinitrotoluene	10 U	UG/L	2,4-Dichlorophenol
10 U	UG/L	2,6-Dinitrotoluene	10 U	UG/L	2,4,6-Trichlorophenol
10 U	UG/L	3-Nitroaniline	10 U	UG/L	2,4,5-Trichlorophenol
10 U	UG/L	4-Chlorophenyl Phenyl Ether	10 U	UG/L	4-Chloro-3-Methylphenol
10 U	UG/L	4-Nitroaniline	20 U	UG/L	2,4-Dinitrophenol
10 U	UG/L	Fluorene	20 U	UG/L	2-Methyl-4,6-Dinitrophenol
10 U	UG/L	Diethyl Phthalate	20 U	UG/L	Pentachlorophenol
10 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine	20 U	UG/L	4-Nitrophenol
10 U	UG/L	Hexachlorobenzene (HCB)	10 U	UG/L	2,3,4,6-Tetrachlorophenol
10 U	UG/L	Atrazine			
10 U	UG/L	4-Bromophenyl Phenyl Ether			
10 U	UG/L	Phenanthrene			

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cation of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
nalyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ice or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Pro[redacted]tion[redacted]ate: [redacted]12/2[redacted] 13:[redacted]

Sample 8993 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW02 /
Media: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 09:50
Ending:

RESULTS	UNITS	ANALYTE
N	UG/L	Petroleum Product

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
mptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
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Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
nce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Produ[redacted]ion[redacted]e: [redacted]2/2[redacted]13:[redacted]

ample 8994 FY 2003 Project: 03-0676

xtractables Scan

acility: Former Pure Lead Products Miami, FL

rogram: SF

l/Station: PLMW03 /

ledia: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 13:00
Ending:

ESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
10 U	UG/L	bis(2-Chloroethyl) Ether	10 U	UG/L	Anthracene
10 U	UG/L	Benzaldehyde	10 U	UG/L	Carbazole
10 U	UG/L	Hexachloroethane	10 U	UG/L	Di-n-Butylphthalate
10 U	UG/L	bis(2-Chloroisopropyl) Ether	10 U	UG/L	Fluoranthene
10 U	UG/L	n-Nitrosodi-n-Propylamine	10 U	UG/L	Pyrene
10 U	UG/L	Acetophenone	10 U	UG/L	Benzyl Butyl Phthalate
10 U	UG/L	Nitrobenzene	10 U	UG/L	bis(2-Ethylhexyl) Phthalate
10 U	UG/L	Hexachlorobutadiene	10 U	UG/L	Benzo(a)Anthracene
10 U	UG/L	Caprolactam	10 U	UG/L	Chrysene
10 U	UG/L	2-Methylnaphthalene	10 U	UG/L	3,3'-Dichlorobenzidine
10 U	UG/L	1,2,4-Trichlorobenzene	10 U	UG/L	Di-n-Octylphthalate
10 U	UG/L	Naphthalene	10 U	UG/L	Benzo(b)Fluoranthene
10 U	UG/L	4-Chloroaniline	10 U	UG/L	Benzo(k)Fluoranthene
10 U	UG/L	bis(2-Chloroethoxy)Methane	10 U	UG/L	Benzo-a-Pyrene
10 U	UG/L	Isophorone	10 U	UG/L	Indeno (1,2,3-cd) Pyrene
10 U	UG/L	Hexachlorocyclopentadiene (HCCP)	10 U	UG/L	Dibenzo(a,h)Anthracene
10 U	UG/L	1,1-Biphenyl	10 U	UG/L	Benzo(ghi)Perylene
10 U	UG/L	2-Chloronaphthalene	10 U	UG/L	2-Chlorophenol
10 U	UG/L	2-Nitroaniline	10 U	UG/L	2-Methylphenol
10 U	UG/L	Acenaphthylene	10 U	UG/L	(3-and/or 4-)Methylphenol
10 U	UG/L	Acenaphthene	10 U	UG/L	2-Nitrophenol
10 U	UG/L	Dimethyl Phthalate	10 U	UG/L	Phenol
10 U	UG/L	Dibenzofuran	10 U	UG/L	2,4-Dimethylphenol
10 U	UG/L	2,4-Dinitrotoluene	10 U	UG/L	2,4-Dichlorophenol
10 U	UG/L	2,6-Dinitrotoluene	10 U	UG/L	2,4,6-Trichlorophenol
10 U	UG/L	3-Nitroaniline	10 U	UG/L	2,4,5-Trichlorophenol
10 U	UG/L	4-Chlorophenyl Phenyl Ether	10 U	UG/L	4-Chloro-3-Methylphenol
10 U	UG/L	4-Nitroaniline	20 U	UG/L	2,4-Dinitrophenol
10 U	UG/L	Fluorene	20 U	UG/L	2-Methyl-4,6-Dinitrophenol
10 U	UG/L	Diethyl Phthalate	20 U	UG/L	Pentachlorophenol
10 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine	20 U	UG/L	4-Nitrophenol
10 U	UG/L	Hexachlorobenzene (HCB)	10 U	UG/L	2,3,4,6-Tetrachlorophenol
10 U	UG/L	Atrazine			
10 U	UG/L	4-Bromophenyl Phenyl Ether			
10 U	UG/L	Phenanthrene			

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nalyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ıce or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8994 FY 2003 Project: 03-0676

MISCELLANEOUS COMPOUNDS

Facility: Former Pure Lead Products Miami, FL
Program: SF
d/Station: PLMW03 /
Media: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 13:00
Ending:

RESULTS	UNITS	ANALYTE
N	UG/L	Petroleum Product

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
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fication of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
ance or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] Production Date: [redacted]

Sample 8995 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW04 /
Media: GROUNDWATER

Produced by: Revell, Dennis
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 09:15
Ending:

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
10 U	UG/L	bis(2-Chloroethyl) Ether	10 U	UG/L	Anthracene
10 U	UG/L	Benzaldehyde	10 U	UG/L	Carbazole
10 U	UG/L	Hexachloroethane	10 U	UG/L	Di-n-Butylphthalate
10 U	UG/L	bis(2-Chloroisopropyl) Ether	10 U	UG/L	Fluoranthene
10 U	UG/L	n-Nitrosodi-n-Propylamine	10 U	UG/L	Pyrene
10 U	UG/L	Acetophenone	10 U	UG/L	Benzyl Butyl Phthalate
10 U	UG/L	Nitrobenzene	10 U	UG/L	bis(2-Ethylhexyl) Phthalate
10 U	UG/L	Hexachlorobutadiene	10 U	UG/L	Benzo(a)Anthracene
10 U	UG/L	Caprolactam	10 U	UG/L	Chrysene
10 U	UG/L	2-Methylnaphthalene	10 U	UG/L	3,3'-Dichlorobenzidine
10 U	UG/L	1,2,4-Trichlorobenzene	10 U	UG/L	Di-n-Octylphthalate
10 U	UG/L	Naphthalene	10 U	UG/L	Benzo(b)Fluoranthene
10 U	UG/L	4-Chloroaniline	10 U	UG/L	Benzo(k)Fluoranthene
10 U	UG/L	bis(2-Chloroethoxy)Methane	10 U	UG/L	Benzo-a-Pyrene
10 U	UG/L	Isophorone	10 U	UG/L	Indeno (1,2,3-cd) Pyrene
10 U	UG/L	Hexachlorocyclopentadiene (HCCP)	10 U	UG/L	Dibenzo(a,h)Anthracene
10 U	UG/L	1,1-Biphenyl	10 U	UG/L	Benzo(ghi)Perylene
10 U	UG/L	2-Chloronaphthalene	10 U	UG/L	2-Chlorophenol
10 U	UG/L	2-Nitroaniline	10 U	UG/L	2-Methylphenol
10 U	UG/L	Acenaphthylene	10 U	UG/L	(3-and/or 4-)Methylphenol
10 U	UG/L	Acenaphthene	10 U	UG/L	2-Nitrophenol
10 U	UG/L	Dimethyl Phthalate	10 U	UG/L	Phenol
10 U	UG/L	Dibenzofuran	10 U	UG/L	2,4-Dimethylphenol
10 U	UG/L	2,4-Dinitrotoluene	10 U	UG/L	2,4-Dichlorophenol
10 U	UG/L	2,6-Dinitrotoluene	10 U	UG/L	2,4,6-Trichlorophenol
10 U	UG/L	3-Nitroaniline	10 U	UG/L	2,4,5-Trichlorophenol
10 U	UG/L	4-Chlorophenyl Phenyl Ether	10 U	UG/L	4-Chloro-3-Methylphenol
10 U	UG/L	4-Nitroaniline	20 U	UG/L	2,4-Dinitrophenol
10 U	UG/L	Fluorene	20 U	UG/L	2-Methyl-4,6-Dinitrophenol
10 U	UG/L	Diethyl Phthalate	20 U	UG/L	Pentachlorophenol
10 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine	20 U	UG/L	4-Nitrophenol
10 U	UG/L	Hexachlorobenzene (HCB)	10 U	UG/L	2,3,4,6-Tetrachlorophenol
10 U	UG/L	Atrazine			
10 U	UG/L	4-Bromophenyl Phenyl Ether			
10 U	UG/L	Phenanthrene			

te not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
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Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
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[redacted] Pro[redacted]tio[redacted]te: [redacted] 2/2[redacted] 13[redacted]

Sample 8996 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLMW05 /

Media: GROUNDWATER

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 12:30

Ending:

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
10 U	UG/L	bis(2-Chloroethyl) Ether	10 U	UG/L	Anthracene
10 U	UG/L	Benzaldehyde	10 U	UG/L	Carbazole
10 U	UG/L	Hexachloroethane	10 U	UG/L	Di-n-Butylphthalate
10 U	UG/L	bis(2-Chloroisopropyl) Ether	10 U	UG/L	Fluoranthene
10 U	UG/L	n-Nitrosodi-n-Propylamine	10 U	UG/L	Pyrene
10 U	UG/L	Acetophenone	10 U	UG/L	Benzyl Butyl Phthalate
10 U	UG/L	Nitrobenzene	10 U	UG/L	bis(2-Ethylhexyl) Phthalate
10 U	UG/L	Hexachlorobutadiene	10 U	UG/L	Benzo(a)Anthracene
10 U	UG/L	Caprolactam	10 U	UG/L	Chrysene
10 U	UG/L	2-Methylnaphthalene	10 U	UG/L	3,3'-Dichlorobenzidine
10 U	UG/L	1,2,4-Trichlorobenzene	10 U	UG/L	Di-n-Octylphthalate
10 U	UG/L	Naphthalene	10 U	UG/L	Benzo(b)Fluoranthene
10 U	UG/L	4-Chloroaniline	10 U	UG/L	Benzo(k)Fluoranthene
10 U	UG/L	bis(2-Chloroethoxy)Methane	10 U	UG/L	Benzo-a-Pyrene
10 U	UG/L	Isophorone	10 U	UG/L	Indeno (1,2,3-cd) Pyrene
10 U	UG/L	Hexachlorocyclopentadiene (HCCP)	10 U	UG/L	Dibenzo(a,h)Anthracene
10 U	UG/L	1,1-Biphenyl	10 U	UG/L	Benzo(ghi)Perylene
10 U	UG/L	2-Chloronaphthalene	10 U	UG/L	2-Chlorophenol
10 U	UG/L	2-Nitroaniline	10 U	UG/L	2-Methylphenol
10 U	UG/L	Acenaphthylene	10 U	UG/L	(3-and/or 4-)Methylphenol
10 U	UG/L	Acenaphthene	10 U	UG/L	2-Nitrophenol
10 U	UG/L	Dimethyl Phthalate	10 U	UG/L	Phenol
10 U	UG/L	Dibenzofuran	10 U	UG/L	2,4-Dimethylphenol
10 U	UG/L	2,4-Dinitrotoluene	10 U	UG/L	2,4-Dichlorophenol
10 U	UG/L	2,6-Dinitrotoluene	10 U	UG/L	2,4,6-Trichlorophenol
10 U	UG/L	3-Nitroaniline	10 U	UG/L	2,4,5-Trichlorophenol
10 U	UG/L	4-Chlorophenyl Phenyl Ether	10 U	UG/L	4-Chloro-3-Methylphenol
10 U	UG/L	4-Nitroaniline	20 U	UG/L	2,4-Dinitrophenol
10 U	UG/L	Fluorene	20 U	UG/L	2-Methyl-4,6-Dinitrophenol
10 U	UG/L	Diethyl Phthalate	20 U	UG/L	Pentachlorophenol
10 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine	20 U	UG/L	4-Nitrophenol
10 U	UG/L	Hexachlorobenzene (HCB)	10 U	UG/L	2,3,4,6-Tetrachlorophenol
10 U	UG/L	Atrazine			
10 U	UG/L	4-Bromophenyl Phenyl Ether			
10 U	UG/L	Phenanthrene			

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Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
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[redacted] Production Date: [redacted]

Sample 8997 FY 2003 Project: 03-0676

Extractables Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

d/Station: PLSSEB /

Media: EQUIPMENT RINSE BLANK

Produced by: Revell, Dennis

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 13:00

Ending:

RESULTS	UNITS	ANALYTE	RESULTS	UNITS	ANALYTE
10 U	UG/L	bis(2-Chloroethyl) Ether	10 U	UG/L	Anthracene
10 U	UG/L	Benzaldehyde	10 U	UG/L	Carbazole
10 U	UG/L	Hexachloroethane	10 U	UG/L	Di-n-Butylphthalate
10 U	UG/L	bis(2-Chloroisopropyl) Ether	10 U	UG/L	Fluoranthene
10 U	UG/L	n-Nitrosodi-n-Propylamine	10 U	UG/L	Pyrene
10 U	UG/L	Acetophenone	10 U	UG/L	Benzyl Butyl Phthalate
10 U	UG/L	Nitrobenzene	10 U	UG/L	bis(2-Ethylhexyl) Phthalate
10 U	UG/L	Hexachlorobutadiene	10 U	UG/L	Benzo(a)Anthracene
10 U	UG/L	Caprolactam	10 U	UG/L	Chrysene
10 U	UG/L	2-Methylnaphthalene	10 U	UG/L	3,3'-Dichlorobenzidine
10 U	UG/L	1,2,4-Trichlorobenzene	10 U	UG/L	Di-n-Octylphthalate
10 U	UG/L	Naphthalene	10 U	UG/L	Benzo(b)Fluoranthene
10 U	UG/L	4-Chloroaniline	10 U	UG/L	Benzo(k)Fluoranthene
10 U	UG/L	bis(2-Chloroethoxy)Methane	10 U	UG/L	Benzo-a-Pyrene
10 U	UG/L	Isophorone	10 U	UG/L	Indeno (1,2,3-cd) Pyrene
10 U	UG/L	Hexachlorocyclopentadiene (HCCP)	10 U	UG/L	Dibenzo(a,h)Anthracene
10 U	UG/L	1,1-Biphenyl	10 U	UG/L	Benzo(ghi)Perylene
10 U	UG/L	2-Chloronaphthalene	10 U	UG/L	2-Chlorophenol
10 U	UG/L	2-Nitroaniline	10 U	UG/L	2-Methylphenol
10 U	UG/L	Acenaphthylene	10 U	UG/L	(3-and/or 4-)Methylphenol
10 U	UG/L	Acenaphthene	10 U	UG/L	2-Nitrophenol
10 U	UG/L	Dimethyl Phthalate	10 U	UG/L	Phenol
10 U	UG/L	Dibenzofuran	10 U	UG/L	2,4-Dimethylphenol
10 U	UG/L	2,4-Dinitrotoluene	10 U	UG/L	2,4-Dichlorophenol
10 U	UG/L	2,6-Dinitrotoluene	10 U	UG/L	2,4,6-Trichlorophenol
10 U	UG/L	3-Nitroaniline	10 U	UG/L	2,4,5-Trichlorophenol
10 U	UG/L	4-Chlorophenyl Phenyl Ether	10 U	UG/L	4-Chloro-3-Methylphenol
10 U	UG/L	4-Nitroaniline	20 U	UG/L	2,4-Dinitrophenol
10 U	UG/L	Fluorene	20 U	UG/L	2-Methyl-4,6-Dinitrophenol
10 U	UG/L	Diethyl Phthalate	20 U	UG/L	Pentachlorophenol
10 U	UG/L	n-Nitrosodiphenylamine/Diphenylamine	20 U	UG/L	4-Nitrophenol
10 U	UG/L	Hexachlorobenzene (HCB)	10 U	UG/L	2,3,4,6-Tetrachlorophenol
10 U	UG/L	Atrazine			
10 U	UG/L	4-Bromophenyl Phenyl Ether			
10 U	UG/L	Phenanthrene			

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Sample 8992 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW01 /
Media: GROUNDWATER

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 16:30
Ending:

RESULTS	UNITS	ANALYTE
1.0 UJ	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 UJ	UG/L	Bromomethane
1.0 U	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.0 U	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. UJ	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
5.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.0 U	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.0 U	UG/L	Isopropylbenzene
1.0 U	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
1.0 U	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
1.0 U	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.0 U	UG/L	n-Butylbenzene
1.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8993 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLMW02 /

Media: GROUNDWATER

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 09:50

Ending:

RESULTS	UNITS	ANALYTE
1.0 UJ	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 UJ	UG/L	Bromomethane
1.0 U	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.0 U	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. UJ	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
5.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.0 U	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.0 A	UG/L	Isopropylbenzene
1.6 A	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
1.0 U	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
3.4 A	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.1 A	UG/L	n-Butylbenzene
1.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]LAT[redacted]S SA[redacted]E A[redacted]YSIS[redacted] - R[redacted]ON I[redacted]SD, [redacted]ENS[redacted] Production Date: 07/31/2003 16:08

Sample 8994 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLMW03 /

Media: GROUNDWATER

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 13:00

Ending:

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 U	UG/L	Bromomethane
0.70 J	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.0 U	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. U	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
1.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.0 U	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.1	UG/L	Isopropylbenzene
0.54 J	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
0.53 J	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
3.8	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.0 U	UG/L	n-Butylbenzene
5.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]LAT[redacted]S SA[redacted]LE A[redacted]YSIS[redacted] [redacted] [redacted] [redacted]A - R[redacted]ON [redacted]SD,[redacted]ENS[redacted] [redacted] [redacted] Production Date: [redacted]1/2003 16:[redacted]

Sample 8995 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW04 /
Media: GROUNDWATER

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 09:15
Ending:

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 U	UG/L	Bromomethane
1.0 U	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.0 U	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. U	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
1.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.0 U	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.0 U	UG/L	Isopropylbenzene
1.0 U	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
1.0 U	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
1.0 U	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.0 U	UG/L	n-Butylbenzene
5.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted]ATI[redacted]SA[redacted]E AN[redacted]SIS[redacted]

Sample 8996 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLMW05 /

Media: GROUNDWATER

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 12:30

Ending:

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 U	UG/L	Bromomethane
1.0 U	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.0 U	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. U	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
1.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.1	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.0 U	UG/L	Isopropylbenzene
1.0 U	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
1.0 U	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
1.0 U	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.0 U	UG/L	n-Butylbenzene
5.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

VOLATILES SAMPLE ANALYSIS [redacted] EPA - REGION IV [redacted] SD, [redacted] ENS, [redacted] [redacted] Produ[redacted]ion[redacted]e: [redacted]

Sample 8997 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSSEB /

Media: EQUIPMENT RINSE BLANK

Produced by: Allen, Frank

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 13:00

Ending:

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 U	UG/L	Bromomethane
1.0 U	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
2.2	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. U	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
1.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.0 U	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.0 U	UG/L	Isopropylbenzene
1.0 U	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
1.0 U	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
1.0 U	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.0 U	UG/L	n-Butylbenzene
5.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimat
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

[redacted] - R[redacted]N IV[redacted]SD, A[redacted]ENS[redacted] Production Date: 07/31/2003 16:08

Sample 8990 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLGWEB /
Media: EQUIPMENT RINSE BLANK

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 15:30
Ending:

RESULTS	UNITS	ANALYTE
1.0 U	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 U	UG/L	Bromomethane
1.0 U	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
1.2	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. U	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
1.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.0 U	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.0 U	UG/L	Isopropylbenzene
1.0 U	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
1.0 U	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
1.0 U	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.0 U	UG/L	n-Butylbenzene
5.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

Sample 8991 FY 2003 Project: 03-0676

Volatiles Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLGWTB /
Media: TRIP BLANK - WATER

Produced by: Allen, Frank
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 14:00
Ending:

RESULTS	UNITS	ANALYTE
1.0 UJ	UG/L	Dichlorodifluoromethane
1.0 U	UG/L	Chloromethane
1.0 UJ	UG/L	Bromomethane
1.0 U	UG/L	Vinyl Chloride
1.0 U	UG/L	Chloroethane
1.0 U	UG/L	Trichlorofluoromethane (Freon 11)
1.0 U	UG/L	1,1-Dichloroethene (1,1-Dichloroethylene)
1.0 U	UG/L	1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon 113)
2.0	UG/L	Methylene Chloride
1.0 U	UG/L	Methyl T-Butyl Ether (MTBE)
25. UJ	UG/L	Acetone
2.5 U	UG/L	Carbon Disulfide
5.0 U	UG/L	Methyl Acetate
1.0 U	UG/L	1,1-Dichloroethane
1.0 U	UG/L	cis-1,2-Dichloroethene
1.0 U	UG/L	2,2-Dichloropropane
12. U	UG/L	Methyl Ethyl Ketone
1.0 U	UG/L	Bromochloromethane
1.0 U	UG/L	trans-1,2-Dichloroethene
1.0 U	UG/L	Chloroform
1.0 U	UG/L	1,2-Dichloroethane
1.0 U	UG/L	1,1,1-Trichloroethane
1.0 U	UG/L	Cyclohexane
1.0 U	UG/L	1,1-Dichloropropene
1.0 U	UG/L	Carbon Tetrachloride
1.0 U	UG/L	Bromodichloromethane
2.5 U	UG/L	Methyl Isobutyl Ketone
1.0 U	UG/L	1,2-Dichloropropane
1.0 U	UG/L	Methylcyclohexane
1.0 U	UG/L	Dibromomethane
1.0 U	UG/L	trans-1,3-Dichloropropene
1.0 U	UG/L	Trichloroethene (Trichloroethylene)
1.0 U	UG/L	Benzene
1.0 U	UG/L	Dibromochloromethane
1.0 U	UG/L	1,1,2-Trichloroethane
1.0 U	UG/L	cis-1,3-Dichloropropene
1.0 U	UG/L	Bromoform
1.0 U	UG/L	Bromobenzene
1.0 U	UG/L	1,1,2,2-Tetrachloroethane
1.0 U	UG/L	Tetrachloroethene (Tetrachloroethylene)
1.0 U	UG/L	1,3-Dichloropropane
2.5 U	UG/L	Methyl Butyl Ketone
1.0 U	UG/L	Toluene
1.0 U	UG/L	Chlorobenzene
1.0 U	UG/L	1,1,1,2-Tetrachloroethane
1.0 U	UG/L	Ethyl Benzene
1.0 U	UG/L	(m- and/or p-)Xylene
1.0 U	UG/L	o-Xylene
1.0 U	UG/L	Styrene
1.0 U	UG/L	1,2,3-Trichloropropane
1.0 U	UG/L	o-Chlorotoluene
1.0 U	UG/L	p-Chlorotoluene
1.0 U	UG/L	1,3-Dichlorobenzene
1.0 U	UG/L	1,4-Dichlorobenzene
1.0 U	UG/L	1,2-Dichlorobenzene
1.0 U	UG/L	1,2-Dibromoethane (EDB)
1.0 U	UG/L	Isopropylbenzene
1.0 U	UG/L	n-Propylbenzene
1.0 U	UG/L	1,3,5-Trimethylbenzene
1.0 U	UG/L	tert-Butylbenzene
1.0 U	UG/L	1,2,4-Trimethylbenzene
1.0 U	UG/L	sec-Butylbenzene
1.0 U	UG/L	p-Isopropyltoluene
1.0 U	UG/L	n-Butylbenzene
1.0 U	UG/L	1,2-Dibromo-3-Chloropropane (DBCP)
1.0 U	UG/L	1,2,4-Trichlorobenzene
1.0 U	UG/L	Hexachloro-1,3-Butadiene
1.0 U	UG/L	1,2,3-Trichlorobenzene

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 4

Science and Ecosystem Support Division
980 College Station Road
Athens, Georgia 30605-2720

MEMORANDUM

Date: 09/05/2003

BUREAU OF WASTE CLEANUP

Subject: Results of PESTICIDES/PCB Sample Analysis
03-0676 Former Pure Lead Products
Miami, FL

TECHNICAL REVIEW SECTION

From: Revells, Lavon

To: Dick, Barbara

CC: Teresa Booeshaghi
FDEP

Thru: Stephenson, Myron
Acting Chief,Organic Chemistry Section
Analytical Support Branch

Attached are the results of analysis of samples collected as part of the subject project. If you have any questions, please contact me.

Sample Disposal Policy:

According to our records this project is not part of a criminal investigation. Because of our limited space for long term sample storage, we must perform disposals on a routine basis.

Therefore, please take note that within 90 days of the date of this memo, the original samples and all extracts associated with the samples will be disposed of as required by all applicable and appropriate statutes.

These samples may be held in custody for longer than 90 days only by contacting our sample coordinator, Debbie Colquitt, by e-mail at Colquitt.Debbie@epa.gov.

ATTACHMENT

Sample **8602** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PB-SB-01 /

Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 13:00

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.7 U	UG/KG	Aldrin
4.7 U	UG/KG	Heptachlor
4.7 U	UG/KG	Heptachlor Epoxide
4.7 U	UG/KG	alpha-BHC
4.7 U	UG/KG	beta-BHC
4.7 U	UG/KG	gamma-BHC (Lindane)
4.7 U	UG/KG	delta-BHC
4.7 U	UG/KG	Endosulfan I (alpha)
4.7 U	UG/KG	Dieldrin
12 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.7 U	UG/KG	4,4'-DDE (p,p'-DDE)
12 U	UG/KG	4,4'-DDD (p,p'-DDD)
12 U	UG/KG	Endrin
12 U	UG/KG	Endosulfan II (beta)
12 U	UG/KG	Endosulfan Sulfate
59 U	UG/KG	PCB-1242 (Aroclor 1242)
59 U	UG/KG	PCB-1254 (Aroclor 1254)
59 U	UG/KG	PCB-1221 (Aroclor 1221)
59 U	UG/KG	PCB-1232 (Aroclor 1232)
59 U	UG/KG	PCB-1248 (Aroclor 1248)
59 U	UG/KG	PCB-1260 (Aroclor 1260)
59 U	UG/KG	PCB-1016 (Aroclor 1016)
470 U	UG/KG	Toxaphene
4.7 U	UG/KG	Chlordene /2
4.7 U	UG/KG	alpha-Chlordene /2
4.7 U	UG/KG	beta-Chlordene /2
4.7 U	UG/KG	gamma-Chlordane /2
4.7 U	UG/KG	trans-Nonachlor /2
4.7 U	UG/KG	alpha-Chlordane /2
4.7 U	UG/KG	cis-Nonachlor /2
4.7 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
24 U	UG/KG	Methoxychlor
12 U	UG/KG	Endrin Ketone
15	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted] Duc[redacted] Da[redacted]9/0[redacted]03 [redacted]

Sample **8603** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SB-02 /

Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 10:15

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.8 U	UG/KG	Aldrin
4.8 U	UG/KG	Heptachlor
4.8 U	UG/KG	Heptachlor Epoxide
4.8 U	UG/KG	alpha-BHC
4.8 U	UG/KG	beta-BHC
4.8 U	UG/KG	gamma-BHC (Lindane)
4.8 U	UG/KG	delta-BHC
4.8 U	UG/KG	Endosulfan I (alpha)
4.8 U	UG/KG	Dieldrin
12 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
12 U	UG/KG	4,4'-DDD (p,p'-DDD)
12 U	UG/KG	Endrin
12 U	UG/KG	Endosulfan II (beta)
12 U	UG/KG	Endosulfan Sulfate
60 U	UG/KG	PCB-1242 (Aroclor 1242)
60 U	UG/KG	PCB-1254 (Aroclor 1254)
60 U	UG/KG	PCB-1221 (Aroclor 1221)
60 U	UG/KG	PCB-1232 (Aroclor 1232)
60 U	UG/KG	PCB-1248 (Aroclor 1248)
60 U	UG/KG	PCB-1260 (Aroclor 1260)
60 U	UG/KG	PCB-1016 (Aroclor 1016)
480 U	UG/KG	Toxaphene
4.8 U	UG/KG	Chlordene /2
4.8 U	UG/KG	alpha-Chlordene /2
4.8 U	UG/KG	beta-Chlordene /2
4.8 U	UG/KG	gamma-Chlordane /2
4.8 U	UG/KG	trans-Nonachlor /2
4.8 U	UG/KG	alpha-Chlordane /2
4.8 U	UG/KG	cis-Nonachlor /2
4.8 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
24 U	UG/KG	Methoxychlor
12 U	UG/KG	Endrin Ketone
17	%	% Moisture

J-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8604** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS-01 /

Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 11:00

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.9 U	UG/KG	Aldrin
4.9 U	UG/KG	Heptachlor
4.9 U	UG/KG	Heptachlor Epoxide
4.9 U	UG/KG	alpha-BHC
4.9 U	UG/KG	beta-BHC
4.9 U	UG/KG	gamma-BHC (Lindane)
4.9 U	UG/KG	delta-BHC
4.9 U	UG/KG	Endosulfan I (alpha)
4.9 U	UG/KG	Dieldrin
12 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.9 U	UG/KG	4,4'-DDE (p,p'-DDE)
12 U	UG/KG	4,4'-DDD (p,p'-DDD)
12 U	UG/KG	Endrin
12 U	UG/KG	Endosulfan II (beta)
12 U	UG/KG	Endosulfan Sulfate
62 U	UG/KG	PCB-1242 (Aroclor 1242)
62 U	UG/KG	PCB-1254 (Aroclor 1254)
62 U	UG/KG	PCB-1221 (Aroclor 1221)
62 U	UG/KG	PCB-1232 (Aroclor 1232)
62 U	UG/KG	PCB-1248 (Aroclor 1248)
62 U	UG/KG	PCB-1260 (Aroclor 1260)
62 U	UG/KG	PCB-1016 (Aroclor 1016)
490 U	UG/KG	Toxaphene
4.9 U	UG/KG	Chlordene /2
4.9 U	UG/KG	alpha-Chlordene /2
4.9 U	UG/KG	beta-Chlordene /2
4.9 U	UG/KG	gamma-Chlordane /2
4.9 U	UG/KG	trans-Nonachlor /2
4.9 U	UG/KG	alpha-Chlordane /2
4.9 U	UG/KG	cis-Nonachlor /2
4.9 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
25 U	UG/KG	Methoxychlor
12 U	UG/KG	Endrin Ketone
19	%	% Moisture

J-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8605** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS-02 /

Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 09:40

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.2 U	UG/KG	Aldrin
4.2 U	UG/KG	Heptachlor
4.2 U	UG/KG	Heptachlor Epoxide
4.2 U	UG/KG	alpha-BHC
4.2 U	UG/KG	beta-BHC
4.2 U	UG/KG	gamma-BHC (Lindane)
4.2 U	UG/KG	delta-BHC
4.2 U	UG/KG	Endosulfan I (alpha)
4.2 U	UG/KG	Dieldrin
11 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.2 U	UG/KG	4,4'-DDE (p,p'-DDE)
11 U	UG/KG	4,4'-DDD (p,p'-DDD)
11 U	UG/KG	Endrin
11 U	UG/KG	Endosulfan II (beta)
11 U	UG/KG	Endosulfan Sulfate
53 U	UG/KG	PCB-1242 (Aroclor 1242)
53 U	UG/KG	PCB-1254 (Aroclor 1254)
53 U	UG/KG	PCB-1221 (Aroclor 1221)
53 U	UG/KG	PCB-1232 (Aroclor 1232)
53 U	UG/KG	PCB-1248 (Aroclor 1248)
53 U	UG/KG	PCB-1260 (Aroclor 1260)
53 U	UG/KG	PCB-1016 (Aroclor 1016)
420 U	UG/KG	Toxaphene
4.2 U	UG/KG	Chlordene /2
4.2 U	UG/KG	alpha-Chlordene /2
4.2 U	UG/KG	beta-Chlordene /2
4.2 U	UG/KG	gamma-Chlordane /2
4.2 U	UG/KG	trans-Nonachlor /2
4.2 U	UG/KG	alpha-Chlordane /2
4.2 U	UG/KG	cis-Nonachlor /2
4.2 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
21 U	UG/KG	Methoxychlor
11 U	UG/KG	Endrin Ketone
8.7	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted] Da[redacted]

Sample **8606** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PL-SS-03 /
Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon
Requestor:
Project Leader: BDICK
Beginning: 06/23/2003 14:15
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
10 U	UG/KG	Aldrin
10 U	UG/KG	Heptachlor
12 U	UG/KG	Heptachlor Epoxide
10 U	UG/KG	alpha-BHC
10 U	UG/KG	beta-BHC
10 U	UG/KG	gamma-BHC (Lindane)
10 U	UG/KG	delta-BHC
10 U	UG/KG	Endosulfan I (alpha)
10 U	UG/KG	Dieldrin
25 U	UG/KG	4,4'-DDT (p,p'-DDT)
10 U	UG/KG	4,4'-DDE (p,p'-DDE)
25 U	UG/KG	4,4'-DDD (p,p'-DDD)
25 U	UG/KG	Endrin
25 U	UG/KG	Endosulfan II (beta)
25 U	UG/KG	Endosulfan Sulfate
130 U	UG/KG	PCB-1242 (Aroclor 1242)
130 U	UG/KG	PCB-1254 (Aroclor 1254)
130 U	UG/KG	PCB-1221 (Aroclor 1221)
130 U	UG/KG	PCB-1232 (Aroclor 1232)
130 U	UG/KG	PCB-1248 (Aroclor 1248)
130 U	UG/KG	PCB-1260 (Aroclor 1260)
130 U	UG/KG	PCB-1016 (Aroclor 1016)
1000 U	UG/KG	Toxaphene
10 U	UG/KG	Chlordene /2
10 U	UG/KG	alpha-Chlordene /2
10 U	UG/KG	beta-Chlordene /2
10 U	UG/KG	gamma-Chlordane /2
10 U	UG/KG	trans-Nonachlor /2
10 U	UG/KG	alpha-Chlordane /2
10 U	UG/KG	cis-Nonachlor /2
10 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
51 U	UG/KG	Methoxychlor
25 U	UG/KG	Endrin Ketone
22	%	% Moisture

J-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted]

Sample **8607** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PL-SS D / DUP PLSS

Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/23/2003 09:41

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.8 U	UG/KG	Aldrin
4.8 U	UG/KG	Heptachlor
4.8 U	UG/KG	Heptachlor Epoxide
4.8 U	UG/KG	alpha-BHC
4.8 U	UG/KG	beta-BHC
4.8 U	UG/KG	gamma-BHC (Lindane)
4.8 U	UG/KG	delta-BHC
4.8 U	UG/KG	Endosulfan I (alpha)
4.8 U	UG/KG	Dieldrin
12 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
12 U	UG/KG	4,4'-DDD (p,p'-DDD)
12 U	UG/KG	Endrin
12 U	UG/KG	Endosulfan II (beta)
12 U	UG/KG	Endosulfan Sulfate
60 U	UG/KG	PCB-1242 (Aroclor 1242)
60 U	UG/KG	PCB-1254 (Aroclor 1254)
60 U	UG/KG	PCB-1221 (Aroclor 1221)
60 U	UG/KG	PCB-1232 (Aroclor 1232)
60 U	UG/KG	PCB-1248 (Aroclor 1248)
60 U	UG/KG	PCB-1260 (Aroclor 1260)
60 U	UG/KG	PCB-1016 (Aroclor 1016)
480 U	UG/KG	Toxaphene
4.8 U	UG/KG	Chlordene /2
4.8 U	UG/KG	alpha-Chlordene /2
4.8 U	UG/KG	beta-Chlordene /2
4.8 U	UG/KG	gamma-Chlordane /2
4.8 U	UG/KG	trans-Nonachlor /2
4.8 U	UG/KG	alpha-Chlordane /2
4.8 U	UG/KG	cis-Nonachlor /2
4.8 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
24 U	UG/KG	Methoxychlor
12 U	UG/KG	Endrin Ketone
18	%	% Moisture

J-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted]

Sample **8651** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB03 / PL-SB-03

Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 10:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
9.5 U	UG/KG	Aldrin
9.5 U	UG/KG	Heptachlor
9.5 U	UG/KG	Heptachlor Epoxide
9.5 U	UG/KG	alpha-BHC
9.5 U	UG/KG	beta-BHC
9.5 U	UG/KG	gamma-BHC (Lindane)
9.5 U	UG/KG	delta-BHC
9.5 U	UG/KG	Endosulfan I (alpha)
9.5 U	UG/KG	Dieldrin
24 U	UG/KG	4,4'-DDT (p,p'-DDT)
9.5 U	UG/KG	4,4'-DDE (p,p'-DDE)
24 U	UG/KG	4,4'-DDD (p,p'-DDD)
24 U	UG/KG	Endrin
24 U	UG/KG	Endosulfan II (beta)
24 U	UG/KG	Endosulfan Sulfate
120 U	UG/KG	PCB-1242 (Aroclor 1242)
120 U	UG/KG	PCB-1254 (Aroclor 1254)
120 U	UG/KG	PCB-1221 (Aroclor 1221)
120 U	UG/KG	PCB-1232 (Aroclor 1232)
120 U	UG/KG	PCB-1248 (Aroclor 1248)
120 U	UG/KG	PCB-1260 (Aroclor 1260)
120 U	UG/KG	PCB-1016 (Aroclor 1016)
950 U	UG/KG	Toxaphene
9.5 U	UG/KG	Chlordene /2
9.5 U	UG/KG	alpha-Chlordene /2
9.5 U	UG/KG	beta-Chlordene /2
9.5 U	UG/KG	gamma-Chlordane /2
9.5 U	UG/KG	trans-Nonachlor /2
9.5 U	UG/KG	alpha-Chlordane /2
9.5 U	UG/KG	cis-Nonachlor /2
9.5 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
48 U	UG/KG	Methoxychlor
24 U	UG/KG	Endrin Ketone
17	%	% Moisture

J-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample 8652 FY 2003 Project: 03-0676

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSB05 / PL-SB-05
Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon
Requestor:
Project Leader: BDICK
Beginning: 06/24/2003 10:00
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
8.4 U	UG/KG	Aldrin
8.4 U	UG/KG	Heptachlor
8.4 U	UG/KG	Heptachlor Epoxide
8.4 U	UG/KG	alpha-BHC
8.4 U	UG/KG	beta-BHC
8.4 U	UG/KG	gamma-BHC (Lindane)
8.4 U	UG/KG	delta-BHC
8.4 U	UG/KG	Endosulfan I (alpha)
8.4 U	UG/KG	Dieldrin
21 U	UG/KG	4,4'-DDT (p,p'-DDT)
8.4 U	UG/KG	4,4'-DDE (p,p'-DDE)
21 U	UG/KG	4,4'-DDD (p,p'-DDD)
25 U	UG/KG	Endrin
21 U	UG/KG	Endosulfan II (beta)
21 U	UG/KG	Endosulfan Sulfate
100 U	UG/KG	PCB-1242 (Aroclor 1242)
100 U	UG/KG	PCB-1254 (Aroclor 1254)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
100 U	UG/KG	PCB-1232 (Aroclor 1232)
100 U	UG/KG	PCB-1248 (Aroclor 1248)
100 U	UG/KG	PCB-1260 (Aroclor 1260)
100 U	UG/KG	PCB-1016 (Aroclor 1016)
840 U	UG/KG	Toxaphene
8.4 U	UG/KG	Chlordene /2
8.4 U	UG/KG	alpha-Chlordene /2
8.4 U	UG/KG	beta-Chlordene /2
8.4 U	UG/KG	gamma-Chlordane /2
8.4 U	UG/KG	trans-Nonachlor /2
8.4 U	UG/KG	alpha-Chlordane /2
8.4 U	UG/KG	cis-Nonachlor /2
8.4 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
42 U	UG/KG	Methoxychlor
21 U	UG/KG	Endrin Ketone
8.1	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
+-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
--Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8653** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS05 / PL-SS-05

Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/24/2003 09:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
8.0 U	UG/KG	Aldrin
8.0 U	UG/KG	Heptachlor
8.0 U	UG/KG	Heptachlor Epoxide
8.0 U	UG/KG	alpha-BHC
8.0 U	UG/KG	beta-BHC
8.0 U	UG/KG	gamma-BHC (Lindane)
8.0 U	UG/KG	delta-BHC
8.0 U	UG/KG	Endosulfan I (alpha)
8.0 U	UG/KG	Dieldrin
20 U	UG/KG	4,4'-DDT (p,p'-DDT)
8.0 U	UG/KG	4,4'-DDE (p,p'-DDE)
20 U	UG/KG	4,4'-DDD (p,p'-DDD)
26 U	UG/KG	Endrin
20 U	UG/KG	Endosulfan II (beta)
20 U	UG/KG	Endosulfan Sulfate
100 U	UG/KG	PCB-1242 (Aroclor 1242)
100 U	UG/KG	PCB-1254 (Aroclor 1254)
100 U	UG/KG	PCB-1221 (Aroclor 1221)
100 U	UG/KG	PCB-1232 (Aroclor 1232)
100 U	UG/KG	PCB-1248 (Aroclor 1248)
100 U	UG/KG	PCB-1260 (Aroclor 1260)
100 U	UG/KG	PCB-1016 (Aroclor 1016)
800 U	UG/KG	Toxaphene
8.0 U	UG/KG	Chlordene /2
8.0 U	UG/KG	alpha-Chlordene /2
8.0 U	UG/KG	beta-Chlordene /2
8.0 U	UG/KG	gamma-Chlordane /2
8.0 U	UG/KG	trans-Nonachlor /2
8.0 U	UG/KG	alpha-Chlordane /2
8.0 U	UG/KG	cis-Nonachlor /2
8.0 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
40 U	UG/KG	Methoxychlor
20 U	UG/KG	Endrin Ketone
0.80	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
J-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted] uct [redacted] Da [redacted] 9/0 [redacted] 03 [redacted] 6 [redacted]

Sample **8767** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB06 / PL-SB-06

Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.8 U	UG/KG	Aldrin
4.8 U	UG/KG	Heptachlor
4.8 U	UG/KG	Heptachlor Epoxide
4.8 U	UG/KG	alpha-BHC
4.8 U	UG/KG	beta-BHC
4.8 U	UG/KG	gamma-BHC (Lindane)
4.8 U	UG/KG	delta-BHC
4.8 U	UG/KG	Endosulfan I (alpha)
4.8 U	UG/KG	Dieldrin
12 U	UG/KG	4,4'-DDT (p,p'-DDT)
4.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
12 U	UG/KG	4,4'-DDD (p,p'-DDD)
12 U	UG/KG	Endrin
12 U	UG/KG	Endosulfan II (beta)
12 U	UG/KG	Endosulfan Sulfate
60 U	UG/KG	PCB-1242 (Aroclor 1242)
60 U	UG/KG	PCB-1254 (Aroclor 1254)
60 U	UG/KG	PCB-1221 (Aroclor 1221)
60 U	UG/KG	PCB-1232 (Aroclor 1232)
60 U	UG/KG	PCB-1248 (Aroclor 1248)
60 U	UG/KG	PCB-1260 (Aroclor 1260)
60 U	UG/KG	PCB-1016 (Aroclor 1016)
480 U	UG/KG	Toxaphene
4.8 U	UG/KG	Chlordene /2
4.8 U	UG/KG	alpha-Chlordene /2
4.8 U	UG/KG	beta-Chlordene /2
4.8 U	UG/KG	gamma-Chlordane /2
4.8 U	UG/KG	trans-Nonachlor /2
4.8 U	UG/KG	alpha-Chlordane /2
4.8 U	UG/KG	cis-Nonachlor /2
4.8 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
24 U	UG/KG	Methoxychlor
12 U	UG/KG	Endrin Ketone
19	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
J-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
:-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
IA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted]

Sample **8768** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB07 / PL-SB-07

Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 11:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
9.5 U	UG/KG	Aldrin
9.5 U	UG/KG	Heptachlor
9.5 U	UG/KG	Heptachlor Epoxide
9.5 U	UG/KG	alpha-BHC
9.5 U	UG/KG	beta-BHC
9.5 U	UG/KG	gamma-BHC (Lindane)
9.5 U	UG/KG	delta-BHC
9.5 U	UG/KG	Endosulfan I (alpha)
9.5 U	UG/KG	Dieldrin
24 U	UG/KG	4,4'-DDT (p,p'-DDT)
9.5 U	UG/KG	4,4'-DDE (p,p'-DDE)
24 U	UG/KG	4,4'-DDD (p,p'-DDD)
24 U	UG/KG	Endrin
24 U	UG/KG	Endosulfan II (beta)
24 U	UG/KG	Endosulfan Sulfate
120 U	UG/KG	PCB-1242 (Aroclor 1242)
50 U	UG/KG	PCB-1254 (Aroclor 1254)
120 U	UG/KG	PCB-1221 (Aroclor 1221)
120 U	UG/KG	PCB-1232 (Aroclor 1232)
120 U	UG/KG	PCB-1248 (Aroclor 1248)
50 J	UG/KG	PCB-1260 (Aroclor 1260)
120 U	UG/KG	PCB-1016 (Aroclor 1016)
950 U	UG/KG	Toxaphene
9.5 U	UG/KG	Chlordene /2
9.5 U	UG/KG	alpha-Chlordene /2
9.5 U	UG/KG	beta-Chlordene /2
9.5 U	UG/KG	gamma-Chlordane /2
9.5 U	UG/KG	trans-Nonachlor /2
9.5 U	UG/KG	alpha-Chlordane /2
9.5 U	UG/KG	cis-Nonachlor /2
9.5 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
47 U	UG/KG	Methoxychlor
24 U	UG/KG	Endrin Ketone
18	%	% Moisture

I-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
I-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
:-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
IA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
I-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
:-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted]

Sample **8769** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSB08 / PL-SB-08

Media: SUBSURFACE SOIL (> 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 10:45

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
4.6 U	UG/KG	Aldrin
4.6 U	UG/KG	Heptachlor
4.6 U	UG/KG	Heptachlor Epoxide
4.6 U	UG/KG	alpha-BHC
4.6 U	UG/KG	beta-BHC
4.6 U	UG/KG	gamma-BHC (Lindane)
4.6 U	UG/KG	delta-BHC
4.6 U	UG/KG	Endosulfan I (alpha)
4.6 U	UG/KG	Dieldrin
11 U	UG/KG	4,4'-DDT (p,p'-DDT)
3.3 J	UG/KG	4,4'-DDE (p,p'-DDE)
2.9 J	UG/KG	4,4'-DDD (p,p'-DDD)
11 U	UG/KG	Endrin
11 U	UG/KG	Endosulfan II (beta)
11 U	UG/KG	Endosulfan Sulfate
57 U	UG/KG	PCB-1242 (Aroclor 1242)
57 U	UG/KG	PCB-1254 (Aroclor 1254)
57 U	UG/KG	PCB-1221 (Aroclor 1221)
57 U	UG/KG	PCB-1232 (Aroclor 1232)
57 U	UG/KG	PCB-1248 (Aroclor 1248)
57 U	UG/KG	PCB-1260 (Aroclor 1260)
57 U	UG/KG	PCB-1016 (Aroclor 1016)
460 U	UG/KG	Toxaphene
4.6 U	UG/KG	Chlordene /2
4.6 U	UG/KG	alpha-Chlordene /2
4.6 U	UG/KG	beta-Chlordene /2
4.6 U	UG/KG	gamma-Chlordane /2
4.6 U	UG/KG	trans-Nonachlor /2
4.6 U	UG/KG	alpha-Chlordane /2
4.6 U	UG/KG	cis-Nonachlor /2
4.6 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
23 U	UG/KG	Methoxychlor
11 U	UG/KG	Endrin Ketone
14	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
+-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
--Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample 8773 FY 2003 Project: 03-0676

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS06 / PL-SS-06

Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 12:15

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
8.8 U	UG/KG	Aldrin
8.8 U	UG/KG	Heptachlor
8.8 U	UG/KG	Heptachlor Epoxide
8.8 U	UG/KG	alpha-BHC
8.8 U	UG/KG	beta-BHC
8.8 U	UG/KG	gamma-BHC (Lindane)
8.8 U	UG/KG	delta-BHC
8.8 U	UG/KG	Endosulfan I (alpha)
8.8 U	UG/KG	Dieldrin
58 U	UG/KG	4,4'-DDT (p,p'-DDT)
8.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
22 U	UG/KG	4,4'-DDD (p,p'-DDD)
22 U	UG/KG	Endrin
22 U	UG/KG	Endosulfan II (beta)
22 U	UG/KG	Endosulfan Sulfate
110 U	UG/KG	PCB-1242 (Aroclor 1242)
170 U	UG/KG	PCB-1254 (Aroclor 1254)
110 U	UG/KG	PCB-1221 (Aroclor 1221)
110 U	UG/KG	PCB-1232 (Aroclor 1232)
110 U	UG/KG	PCB-1248 (Aroclor 1248)
170 J	UG/KG	PCB-1260 (Aroclor 1260)
110 U	UG/KG	PCB-1016 (Aroclor 1016)
880 U	UG/KG	Toxaphene
8.8 U	UG/KG	Chlordene /2
8.8 U	UG/KG	alpha-Chlordene /2
8.8 U	UG/KG	beta-Chlordene /2
8.8 U	UG/KG	gamma-Chlordane /2
8.8 U	UG/KG	trans-Nonachlor /2
8.8 U	UG/KG	alpha-Chlordane /2
8.8 U	UG/KG	cis-Nonachlor /2
8.8 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
44 U	UG/KG	Methoxychlor
22 U	UG/KG	Endrin Ketone
10	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
J-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
:-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
.-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
IA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8774** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLSS07 / PL-SS-07
Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 11:30
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
9.8 U	UG/KG	Aldrin
9.8 U	UG/KG	Heptachlor
9.8 U	UG/KG	Heptachlor Epoxide
9.8 U	UG/KG	alpha-BHC
9.8 U	UG/KG	beta-BHC
9.8 U	UG/KG	gamma-BHC (Lindane)
9.8 U	UG/KG	delta-BHC
9.8 U	UG/KG	Endosulfan I (alpha)
9.8 U	UG/KG	Dieldrin
7.4 J	UG/KG	4,4'-DDT (p,p'-DDT)
9.8 U	UG/KG	4,4'-DDE (p,p'-DDE)
24 U	UG/KG	4,4'-DDD (p,p'-DDD)
24 U	UG/KG	Endrin
24 U	UG/KG	Endosulfan II (beta)
24 U	UG/KG	Endosulfan Sulfate
120 U	UG/KG	PCB-1242 (Aroclor 1242)
120 U	UG/KG	PCB-1254 (Aroclor 1254)
120 U	UG/KG	PCB-1221 (Aroclor 1221)
120 U	UG/KG	PCB-1232 (Aroclor 1232)
120 U	UG/KG	PCB-1248 (Aroclor 1248)
120 U	UG/KG	PCB-1260 (Aroclor 1260)
120 U	UG/KG	PCB-1016 (Aroclor 1016)
980 U	UG/KG	Toxaphene
9.8 U	UG/KG	Chlordene /2
9.8 U	UG/KG	alpha-Chlordene /2
9.8 U	UG/KG	beta-Chlordene /2
9.8 U	UG/KG	gamma-Chlordane /2
9.8 U	UG/KG	trans-Nonachlor /2
9.8 U	UG/KG	alpha-Chlordane /2
9.8 U	UG/KG	cis-Nonachlor /2
9.8 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
49 U	UG/KG	Methoxychlor
24 U	UG/KG	Endrin Ketone
21	%	% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
I-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8775** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSS08 / PL-SS-08

Media: SURFACE SOIL (0" - 12")

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/25/2003 10:05

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
20 U	UG/KG	Aldrin
20 U	UG/KG	Heptachlor
20 U	UG/KG	Heptachlor Epoxide
20 U	UG/KG	alpha-BHC
20 U	UG/KG	beta-BHC
20 U	UG/KG	gamma-BHC (Lindane)
20 U	UG/KG	delta-BHC
20 U	UG/KG	Endosulfan I (alpha)
60 U	UG/KG	Dieldrin
270 U	UG/KG	4,4'-DDT (p,p'-DDT)
250	UG/KG	4,4'-DDE (p,p'-DDE)
160 J	UG/KG	4,4'-DDD (p,p'-DDD)
110 U	UG/KG	Endrin
160 U	UG/KG	Endosulfan II (beta)
51 U	UG/KG	Endosulfan Sulfate
260 U	UG/KG	PCB-1242 (Aroclor 1242)
660 U	UG/KG	PCB-1254 (Aroclor 1254)
260 U	UG/KG	PCB-1221 (Aroclor 1221)
260 U	UG/KG	PCB-1232 (Aroclor 1232)
260 U	UG/KG	PCB-1248 (Aroclor 1248)
660 J	UG/KG	PCB-1260 (Aroclor 1260)
260 U	UG/KG	PCB-1016 (Aroclor 1016)
2000 U	UG/KG	Toxaphene
20 U	UG/KG	Chlordene /2
20 U	UG/KG	alpha-Chlordene /2
20 U	UG/KG	beta-Chlordene /2
20 U	UG/KG	gamma-Chlordane /2
26 U	UG/KG	trans-Nonachlor /2
20 U	UG/KG	alpha-Chlordane /2
210 U	UG/KG	cis-Nonachlor /2
40 U	UG/KG	Oxychlordane (Octachlorepoxide) /2
100 U	UG/KG	Methoxychlor
51 U	UG/KG	Endrin Ketone
23	%	% Moisture

)-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
I-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
:-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
.-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
IA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
I-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
:-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted] uc[redacted] Da[redacted]9/0[redacted]03 [redacted]6 [redacted]

Sample **8990** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLGWEB /

Media: EQUIPMENT RINSE BLANK

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 15:30

Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Aldrin
0.20 U	UG/L	Heptachlor
0.20 U	UG/L	Heptachlor Epoxide
0.20 U	UG/L	alpha-BHC
0.20 U	UG/L	beta-BHC
0.20 U	UG/L	gamma-BHC (Lindane)
0.20 U	UG/L	delta-BHC
0.20 U	UG/L	Endosulfan I (alpha)
0.20 U	UG/L	Dieldrin
0.50 U	UG/L	4,4'-DDT (p,p'-DDT)
0.20 U	UG/L	4,4'-DDE (p,p'-DDE)
0.50 U	UG/L	4,4'-DDD (p,p'-DDD)
0.50 U	UG/L	Endrin
0.50 U	UG/L	Endosulfan II (beta)
0.50 U	UG/L	Endosulfan Sulfate
2.5 U	UG/L	PCB-1242 (Aroclor 1242)
2.5 U	UG/L	PCB-1254 (Aroclor 1254)
2.5 U	UG/L	PCB-1221 (Aroclor 1221)
2.5 U	UG/L	PCB-1232 (Aroclor 1232)
2.5 U	UG/L	PCB-1248 (Aroclor 1248)
2.5 U	UG/L	PCB-1260 (Aroclor 1260)
2.5 U	UG/L	PCB-1016 (Aroclor 1016)
20 U	UG/L	Toxaphene
0.20 U	UG/L	Chlordene /2
0.20 U	UG/L	alpha-Chlordene /2
0.20 U	UG/L	beta-Chlordene /2
0.20 U	UG/L	gamma-Chlordane /2
0.20 U	UG/L	trans-Nonachlor /2
0.20 U	UG/L	alpha-Chlordane /2
0.20 U	UG/L	cis-Nonachlor /2
0.20 U	UG/L	Oxychlordane (Octachlorepoxide) /2
1.0 U	UG/L	Methoxychlor
0.50 U	UG/L	Endrin Ketone

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
+-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
--Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted]

Sample **8992** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW01 /
Media: GROUNDWATER

Produced by: Revells, Lavon
Requestor:
Project Leader: BDICK
Beginning: 06/25/2003 16:30
Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Aldrin
0.20 U	UG/L	Heptachlor
0.20 U	UG/L	Heptachlor Epoxide
0.20 U	UG/L	alpha-BHC
0.20 U	UG/L	beta-BHC
0.20 U	UG/L	gamma-BHC (Lindane)
0.20 U	UG/L	delta-BHC
0.20 U	UG/L	Endosulfan I (alpha)
0.20 U	UG/L	Dieldrin
0.50 U	UG/L	4,4'-DDT (p,p'-DDT)
0.20 U	UG/L	4,4'-DDE (p,p'-DDE)
0.50 U	UG/L	4,4'-DDD (p,p'-DDD)
0.50 U	UG/L	Endrin
0.50 U	UG/L	Endosulfan II (beta)
0.50 U	UG/L	Endosulfan Sulfate
2.5 U	UG/L	PCB-1242 (Aroclor 1242)
2.5 U	UG/L	PCB-1254 (Aroclor 1254)
2.5 U	UG/L	PCB-1221 (Aroclor 1221)
2.5 U	UG/L	PCB-1232 (Aroclor 1232)
2.5 U	UG/L	PCB-1248 (Aroclor 1248)
2.5 U	UG/L	PCB-1260 (Aroclor 1260)
2.5 U	UG/L	PCB-1016 (Aroclor 1016)
20 U	UG/L	Toxaphene
0.20 U	UG/L	Chlordene /2
0.20 U	UG/L	alpha-Chlordene /2
0.20 U	UG/L	beta-Chlordene /2
0.20 U	UG/L	gamma-Chlordane /2
0.20 U	UG/L	trans-Nonachlor /2
0.20 U	UG/L	alpha-Chlordane /2
0.20 U	UG/L	cis-Nonachlor /2
0.20 U	UG/L	Oxychlordane (Octachlorepoxide) /2
1.0 U	UG/L	Methoxychlor
0.50 U	UG/L	Endrin Ketone

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

[redacted] Product [redacted] Date [redacted] 9/0[redacted]03 [redacted]6 [redacted]

Sample **8993** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLMW02 /

Media: GROUNDWATER

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 09:50

Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Aldrin
0.20 U	UG/L	Heptachlor
0.20 U	UG/L	Heptachlor Epoxide
0.20 U	UG/L	alpha-BHC
0.20 U	UG/L	beta-BHC
0.20 U	UG/L	gamma-BHC (Lindane)
0.20 U	UG/L	delta-BHC
0.20 U	UG/L	Endosulfan I (alpha)
0.20 U	UG/L	Dieldrin
0.50 U	UG/L	4,4'-DDT (p,p'-DDT)
0.20 U	UG/L	4,4'-DDE (p,p'-DDE)
0.50 U	UG/L	4,4'-DDD (p,p'-DDD)
0.50 U	UG/L	Endrin
0.50 U	UG/L	Endosulfan II (beta)
0.50 U	UG/L	Endosulfan Sulfate
2.5 U	UG/L	PCB-1242 (Aroclor 1242)
2.5 U	UG/L	PCB-1254 (Aroclor 1254)
2.5 U	UG/L	PCB-1221 (Aroclor 1221)
2.5 U	UG/L	PCB-1232 (Aroclor 1232)
2.5 U	UG/L	PCB-1248 (Aroclor 1248)
2.5 U	UG/L	PCB-1260 (Aroclor 1260)
2.5 U	UG/L	PCB-1016 (Aroclor 1016)
20 U	UG/L	Toxaphene
0.20 U	UG/L	Chlordene /2
0.20 U	UG/L	alpha-Chlordene /2
0.20 U	UG/L	beta-Chlordene /2
0.20 U	UG/L	gamma-Chlordane /2
0.20 U	UG/L	trans-Nonachlor /2
0.20 U	UG/L	alpha-Chlordane /2
0.20 U	UG/L	cis-Nonachlor /2
0.20 U	UG/L	Oxychlordane (Octachlorepoxide) /2
1.0 U	UG/L	Methoxychlor
0.50 U	UG/L	Endrin Ketone

J-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
J-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
:-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
.-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
JA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8994** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLMW03 /

Media: GROUNDWATER

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 13:00

Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Aldrin
0.20 U	UG/L	Heptachlor
0.20 U	UG/L	Heptachlor Epoxide
0.20 U	UG/L	alpha-BHC
0.20 U	UG/L	beta-BHC
0.20 U	UG/L	gamma-BHC (Lindane)
0.20 U	UG/L	delta-BHC
0.20 U	UG/L	Endosulfan I (alpha)
0.20 U	UG/L	Dieldrin
0.50 U	UG/L	4,4'-DDT (p,p'-DDT)
0.20 U	UG/L	4,4'-DDE (p,p'-DDE)
0.50 U	UG/L	4,4'-DDD (p,p'-DDD)
0.50 U	UG/L	Endrin
0.50 U	UG/L	Endosulfan II (beta)
0.50 U	UG/L	Endosulfan Sulfate
2.5 U	UG/L	PCB-1242 (Aroclor 1242)
2.5 U	UG/L	PCB-1254 (Aroclor 1254)
2.5 U	UG/L	PCB-1221 (Aroclor 1221)
2.5 U	UG/L	PCB-1232 (Aroclor 1232)
2.5 U	UG/L	PCB-1248 (Aroclor 1248)
2.5 U	UG/L	PCB-1260 (Aroclor 1260)
2.5 U	UG/L	PCB-1016 (Aroclor 1016)
20 U	UG/L	Toxaphene
0.20 U	UG/L	Chlordene /2
0.20 U	UG/L	alpha-Chlordene /2
0.20 U	UG/L	beta-Chlordene /2
0.20 U	UG/L	gamma-Chlordane /2
0.20 U	UG/L	trans-Nonachlor /2
0.20 U	UG/L	alpha-Chlordane /2
0.20 U	UG/L	cis-Nonachlor /2
0.20 U	UG/L	Oxychlordane (Octachlorepoxide) /2
1.0 U	UG/L	Methoxychlor
0.50 U	UG/L	Endrin Ketone

J-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
J-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
JA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8995** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW04 /
Media: GROUNDWATER

Produced by: Revells, Lavon
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 09:15
Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Aldrin
0.20 U	UG/L	Heptachlor
0.20 U	UG/L	Heptachlor Epoxide
0.20 U	UG/L	alpha-BHC
0.20 U	UG/L	beta-BHC
0.20 U	UG/L	gamma-BHC (Lindane)
0.20 U	UG/L	delta-BHC
0.20 U	UG/L	Endosulfan I (alpha)
0.20 U	UG/L	Dieldrin
0.50 U	UG/L	4,4'-DDT (p,p'-DDT)
0.20 U	UG/L	4,4'-DDE (p,p'-DDE)
0.50 U	UG/L	4,4'-DDD (p,p'-DDD)
0.50 U	UG/L	Endrin
0.50 U	UG/L	Endosulfan II (beta)
0.50 U	UG/L	Endosulfan Sulfate
2.5 U	UG/L	PCB-1242 (Aroclor 1242)
2.5 U	UG/L	PCB-1254 (Aroclor 1254)
2.5 U	UG/L	PCB-1221 (Aroclor 1221)
2.5 U	UG/L	PCB-1232 (Aroclor 1232)
2.5 U	UG/L	PCB-1248 (Aroclor 1248)
2.5 U	UG/L	PCB-1260 (Aroclor 1260)
2.5 U	UG/L	PCB-1016 (Aroclor 1016)
20 U	UG/L	Toxaphene
0.20 U	UG/L	Chlordene /2
0.20 U	UG/L	alpha-Chlordene /2
0.20 U	UG/L	beta-Chlordene /2
0.20 U	UG/L	gamma-Chlordane /2
0.20 U	UG/L	trans-Nonachlor /2
0.20 U	UG/L	alpha-Chlordane /2
0.20 U	UG/L	cis-Nonachlor /2
0.20 U	UG/L	Oxychlordane (Octachlorepoxide) /2
1.0 U	UG/L	Methoxychlor
0.50 U	UG/L	Endrin Ketone

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
+-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
--Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

Sample **8996** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL
Program: SF
Id/Station: PLMW05 /
Media: GROUNDWATER

Produced by: Revells, Lavon
Requestor:
Project Leader: BDICK
Beginning: 06/26/2003 12:30
Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Aldrin
0.20 U	UG/L	Heptachlor
0.20 U	UG/L	Heptachlor Epoxide
0.20 U	UG/L	alpha-BHC
0.20 U	UG/L	beta-BHC
0.20 U	UG/L	gamma-BHC (Lindane)
0.20 U	UG/L	delta-BHC
0.20 U	UG/L	Endosulfan I (alpha)
0.20 U	UG/L	Dieldrin
0.50 U	UG/L	4,4'-DDT (p,p'-DDT)
0.20 U	UG/L	4,4'-DDE (p,p'-DDE)
0.50 U	UG/L	4,4'-DDD (p,p'-DDD)
0.50 U	UG/L	Endrin
0.50 U	UG/L	Endosulfan II (beta)
0.50 U	UG/L	Endosulfan Sulfate
2.5 U	UG/L	PCB-1242 (Aroclor 1242)
2.5 U	UG/L	PCB-1254 (Aroclor 1254)
2.5 U	UG/L	PCB-1221 (Aroclor 1221)
2.5 U	UG/L	PCB-1232 (Aroclor 1232)
2.5 U	UG/L	PCB-1248 (Aroclor 1248)
2.5 U	UG/L	PCB-1260 (Aroclor 1260)
2.5 U	UG/L	PCB-1016 (Aroclor 1016)
20 U	UG/L	Toxaphene
0.20 U	UG/L	Chlordene /2
0.20 U	UG/L	alpha-Chlordene /2
0.20 U	UG/L	beta-Chlordene /2
0.20 U	UG/L	gamma-Chlordane /2
0.20 U	UG/L	trans-Nonachlor /2
0.20 U	UG/L	alpha-Chlordane /2
0.20 U	UG/L	cis-Nonachlor /2
0.20 U	UG/L	Oxychlordane (Octachlorepoxide) /2
1.0 U	UG/L	Methoxychlor
0.50 U	UG/L	Endrin Ketone

Sample **8997** FY **2003** Project: **03-0676**

Pesticides & Aroclors Scan

Facility: Former Pure Lead Products Miami, FL

Program: SF

Id/Station: PLSSEB /

Media: EQUIPMENT RINSE BLANK

Produced by: Revells, Lavon

Requestor:

Project Leader: BDICK

Beginning: 06/26/2003 13:00

Ending:

RESULTS	UNITS	ANALYTE
0.20 U	UG/L	Aldrin
0.20 U	UG/L	Heptachlor
0.20 U	UG/L	Heptachlor Epoxide
0.20 U	UG/L	alpha-BHC
0.20 U	UG/L	beta-BHC
0.20 U	UG/L	gamma-BHC (Lindane)
0.20 U	UG/L	delta-BHC
0.20 U	UG/L	Endosulfan I (alpha)
0.20 U	UG/L	Dieldrin
0.50 U	UG/L	4,4'-DDT (p,p'-DDT)
0.20 U	UG/L	4,4'-DDE (p,p'-DDE)
0.50 U	UG/L	4,4'-DDD (p,p'-DDD)
0.50 U	UG/L	Endrin
0.50 U	UG/L	Endosulfan II (beta)
0.50 U	UG/L	Endosulfan Sulfate
2.5 U	UG/L	PCB-1242 (Aroclor 1242)
2.5 U	UG/L	PCB-1254 (Aroclor 1254)
2.5 U	UG/L	PCB-1221 (Aroclor 1221)
2.5 U	UG/L	PCB-1232 (Aroclor 1232)
2.5 U	UG/L	PCB-1248 (Aroclor 1248)
2.5 U	UG/L	PCB-1260 (Aroclor 1260)
2.5 U	UG/L	PCB-1016 (Aroclor 1016)
20 U	UG/L	Toxaphene
0.20 U	UG/L	Chlordene /2
0.20 U	UG/L	alpha-Chlordene /2
0.20 U	UG/L	beta-Chlordene /2
0.20 U	UG/L	gamma-Chlordane /2
0.20 U	UG/L	trans-Nonachlor /2
0.20 U	UG/L	alpha-Chlordane /2
0.20 U	UG/L	cis-Nonachlor /2
0.20 U	UG/L	Oxychlordane (Octachlorepoxide) /2
2.0 U	UG/L	Methoxychlor
0.50 U	UG/L	Endrin Ketone

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate.
N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.
K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.
L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.
NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.
R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.
C-confirmed by GCMS | /1-when no value is reported, see chlordane constituents | /2-constituents or metabolites of technical chlordane

APPENDIX B

Groundwater Sample Data Sheets

002883

US BIOSYSTEMS, INC.
GROUNDWATER SAMPLING LOG

SITE NAME: PRSTJ	SITE LOCATION: Pure Lead	
WELL NO: 1	SAMPLE ID: PL GW-01 (mw-1)	DATE: 6-25-03

PURGING DATA

WELL DIAMETER (in): 1"	TOTAL WELL DEPTH (ft): 14.12	STATIC DEPTH TO WATER (ft): 6.48	WELL CAPACITY (gal/ft): 0.3

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (14.12 – 6.48) X .04 = 0.31

PURGE METHOD: Pump	PURGE INITIATED AT:	PURGE ENDED AT: 16:29	TOTAL VOL. PURGED (gal): 18.0

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
15:30	9.0		0.2	6.48	6.88	27.8	517	1.2	25	light tan	sulfur
15:40	10.0				6.78	27.5	480	1.2	19	clear	sulfur
15:50	11.0				6.80	27.4	468	1.3	19	clear	"
16:00	13.0				6.44	27.2	465	1.3	29	cloudy	"
16:10	14.0				6.67	27.3	464	1.3	12	clear	"
16:20	15.0				6.68	27.3	462	1.2	6	clear	sulfur
16:30	18.0			6.48	6.67	27.3	462	1.2	6	clear	sulfur

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Phill Taylor, Jr / USB	SAMPLER(S) SIGNATURE(S): Phill Taylor	
SAMPLING METHOD(S): P. Pump	SAMPLING INITIATED AT: 16:30	SAMPLING ENDED AT: 16:34
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N)	DUPLICATE: (Y) N

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	none			SVOC | Pest | PCB
2	CG	40ml	HCl			VOC
1	PE	1L	~~HNO3~~			metals
1	PE	1L	NaOH			CN-

REMARKS:

Water Level on 6-26-03 = 6.23 ft.

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

DEP-SOP-001/01: Form FD 2000-24

002835

US BIOSYSTEMS, INC.
GROUNDWATER SAMPLING LOG

SITE NAME: PBS&J	SITE LOCATION: Pure Lead	
WELL NO: 3	SAMPLE ID: PLmw-2 (mw-2)	DATE: 6-26-03

PURGING DATA

WELL DIAMETER (in): 1"	TOTAL WELL DEPTH (ft): 14.75	STATIC DEPTH TO WATER (ft): 5.35	WELL CAPACITY (gal/ft): 0.4

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (14.75 - 5.35) X .04 = 0.38

PURGE METHOD: Pump	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal): 20.0

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
09:35	17.0		0.2	5.35	6.87	28.8	401	1.4	16	clear	sulfur
09:40	18.0		"	"	7.00	28.6	401	1.2	14	"	"
09:45	19.0		"	"	6.99	28.6	403	1.1	9	"	"
09:50	20.0		"	"	6.99	28.6	402	1.1	8	"	"

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Phil Taylor, Jr. / USB	SAMPLER(S) SIGNATURE(S): Phil Taylor, Jr.	
SAMPLING METHOD(S): P. Pump	SAMPLING INITIATED AT: 09:50	SAMPLING ENDED AT: 09:54

FIELD DECONTAMINATION: (Y) N FIELD-FILTERED: Y (N) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	none			SVOL / Pest / PCB
2	CG	40ml	HCL			VOC
1	PE	1L	HNO_3			metals
1	PE	1L	NaOH			CN-

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

002887

US BIOSYSTEMS, INC.
GROUNDWATER SAMPLING LOG

SITE NAME: PBS&J	SITE LOCATION: Pure Lead	
WELL NO: 5	SAMPLE ID: (MW-3)	DATE: 6-26-03

PURGING DATA

WELL DIAMETER (in): 1"	TOTAL WELL DEPTH (ft): 14.85	STATIC DEPTH TO WATER (ft): 5.52	WELL CAPACITY (gal/ft): 0.4

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (14.85 - 5.52) X .04 = 0.37

PURGE METHOD: Pump	PURGE INITIATED AT: 12:15	PURGE ENDED AT: 12:59	TOTAL VOL. PURGED (gal): 22.0

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
12:45	18.0		0.2	5.52	7.02	29.9	440	1.3	11	clear	sulfur
12:50	20.0		"	"	7.00	29.8	438	1.2	9	"	"
12:55	21.0		"	"	7.00	29.8	438	1.2	8	"	"
13:00	22.0		"	"	6.99	29.8	437	1.2	8	"	"

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Phillip Taylor, Jr / USB	SAMPLER(S) SIGNATURE(S): Phillip Taylor
SAMPLING METHOD(S): P. Pump	SAMPLING INITIATED AT: 13:00
SAMPLING ENDED AT: 13:04	

FIELD DECONTAMINATION: (Y) N FIELD-FILTERED: Y (N) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	none			SVOL / Pest / PCB
2	CG	40 ml	HCL			VOC
1	PE	1L	HNO_3			metals
1	PE	1L	NaOH			CN-

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

DEP-SOP-001/01: Form FD 2000-24

002884

US BIOSYSTEMS, INC.
GROUNDWATER SAMPLING LOG

SITE NAME: PBS&J		SITE LOCATION: Pure Lead	
WELL NO: 2	SAMPLE ID: PL(MW-4)		DATE: 6-26-03

PURGING DATA

WELL DIAMETER (in):	TOTAL WELL DEPTH (ft):	STATIC DEPTH TO WATER (ft):	WELL CAPACITY (gal/ft):
1"	14.72	5.48	0.4

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (14.72 - 5.48) X .04 = 0.37

PURGE METHOD:	PURGE INITIATED AT:	PURGE ENDED AT:	TOTAL VOL. PURGED (gal):
Pump	08:48	09:14	9.0

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
09:00	6.0		0.2	5.48	7.01	28.3	348	1.2	11	clear	sulfur
09:05	7.0		"	"	6.99	28.1	346	1.2	9	"	"
09:10	8.0		"	"	6.98	28.1	344	1.2	9	"	"
09:15	9.0		"	"	7.00	28.1	344	1.2	9	"	"

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION	SAMPLER(S) SIGNATURE(S)	
Phil Taylor, Jr. / USB		
SAMPLING METHOD(S): P. Pump	SAMPLING INITIATED AT: 09:15	SAMPLING ENDED AT: 09:19
FIELD DECONTAMINATION: (Y) N	FIELD-FILTERED: Y (N)	DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	none			SVOL / Pest / PCB
2	CG	40ml	HCL			VOC
1	PE	1L	HNO_3			metals
1	PE	1L	NaOH			CN-

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

DEP-SOP-001/01: Form FD 2000-24

002886

US BIOSYSTEMS, INC.
GROUNDWATER SAMPLING LOG

SITE NAME: PRS+J	SITE LOCATION: Pure Lead	
WELL NO: 4	SAMPLE ID: P2 (MW-5)	DATE: 6.26.03

PURGING DATA

WELL DIAMETER (in): 1"	TOTAL WELL DEPTH (ft): 14.85	STATIC DEPTH TO WATER (ft): 5.42	WELL CAPACITY (gal/ft): 0.4

1 WELL VOLUME (gal) = (TOTAL WELL DEPTH – DEPTH TO WATER) X WELL CAPACITY =

= (14.85 - 5.42) X .04 = 0.38

PURGE METHOD: Pump	PURGE INITIATED AT: 11:59	PURGE ENDED AT: 12:29	TOTAL VOL. PURGED (gal): 18.0

TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm)	DEPTH TO WATER (ft)	pH	TEMP. (°C)	COND. (µmhos)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR	ODOR
12:04	12.0		0.2	5.42	7.18	29.4	259	1.4	18	clear	sulfur
12:10	14.0		"	"	7.18	29.3	259	1.4	17	"	"
12:15	15.0		"	"	7.16	29.1	258	1.2	17	"	"
12:20	16.0		"	"	7.18	29.1	257	1.2	17	"	"
12:25	17.0		"	"	7.18 pH	29.1	254	1.2	11	"	"
12:30	18.0		"	"	~~6.89~~ 7.18	29.1	254	1.2	10	"	"

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Phill Taylor Jr / USB	SAMPLER(S) SIGNATURE(S):	
SAMPLING METHOD(S): P. Pump	SAMPLING INITIATED AT: 12:30	SAMPLING ENDED AT: 12:34

FIELD DECONTAMINATION: (Y) N FIELD-FILTERED: Y (N) DUPLICATE: Y (N)

SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	1L	none			SVOL / Pest / PCB
2	CG	40ml	HCL			VOC
1	PE	1L	HNO_3			metals
1	PE	1L	NaOH			CN-

REMARKS:

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

NOTE: The above do not constitute all of the information required by Chapter 62-160, F.A.C.

USBIOSYSTEMS

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-1

Sample Description:

Pure Lead

Analytical Report: SS-05
Date Sampled: 02/05/2004
Time Sampled: 10:15
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	89	%	SM2540B	0.10	02/06	02/06	KB
TCLP Extraction Date							
TCLP Extraction	02/10	date	1311 EXTR				EB
Metals							
Arsenic	4.5	mg/kg (dw)	3050/6010	0.56	02/12	02/13	SB
Lead	11000	mg/kg (dw)	3050/6010	11	02/12	02/13	SB
TCLP Metals							
Arsenic	BDL	mg/l	3010/6010	0.050	02/11	02/12	WM
Lead	1.3	mg/l	3010/6010	0.050	02/11	02/12	WM

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126
SUB DOH# 86122,86109,E86048
SC CERT# 96031001
USACE
VA CERT# 00395
DOH# E86240
ADEM ID# 40850
TN CERT# 02985
GA CERT# 917
USDA Soil Permit# S-35240
NC CERT# 444
IL CERT# 200020

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-2

Sample Description:

Pure Lead

Analytical Report: SB-05
Date Sampled: 02/05/2004
Time Sampled: 10:20
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	91	%	SM2540B	0.10	02/06	02/06	KB
TCLP Extraction Date							
TCLP Extraction	02/10	date	1311 EXTR				EB
Metals							
Lead	34000	mg/kg (dw)	3050/6010	110	02/12	02/13	SB
TCLP Metals							
Lead	270	mg/l	3010/6010	1.0	02/11	02/12	WM

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags EDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference, NA-not appl
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980125
SUB DOH# 86122,86109,E86048
SC CERT# 96031001
USACE
VA CERT# 00395

DOH# E86240
ADEM ID# 40850
TN CERT# 02985
GA CERT# 917
USDA Soil Permit# S-35240

NC CERT# 444
IL CERT# 200020

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-3

Sample Description:

Pure Lead

Analytical Report: SS-03
Date Sampled: 02/05/2004
Time Sampled: 10:20
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	91	%	SM2540B	0.10	02/06	02/06	KB
TCLP Extraction Date							
TCLP Extraction	02/10	date	1311 EXTR				EB
Metals							
Lead	11000	mg/kg (dw)	3050/6010	11	02/12	02/13	SB
TCLP Metals							
Lead	20	mg/l	3010/6010	0.050	02/11	02/12	WM

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 | DOH# E86240 | NC CERT# 444
SUB DOH# 86122,86109,E86048 | ADEM ID# 40850 | IL CERT# 200020
SC CERT# 96031001 | TN CERT# 02985
USACE | GA CERT# 917
VA CERT# 00395 | USDA Soil Permit# S-35240

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-4

Sample Description:

Pure Lead

Analytical Report: SB-03
Date Sampled: 02/05/2004
Time Sampled: 10:30
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	83	%	SM2540B	0.10	02/06	02/06	KB
TCLP Extraction Date							
TCLP Extraction	02/10	date	1311 EXTR				EB
Metals							
Lead	5.9	mg/kg (dw)	3050/6010	1.2	02/12	02/13	SB
TCLP Metals							
Lead	BDL	mg/l	3010/6010	0.050	02/11	02/12	WM

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 | DOH# E36240 | NC CERT# 444
SUB DOH# 86122,86109,E86048 | ADEM ID# 40850 | IL CERT# 200020
SC CERT# 96031001 | TN CERT# 02985
USACE | GA CERT# 917
VA CERT# 00395 | USDA Soil Permit# S-35240

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-5

Sample Description:

Pure Lead

Analytical Report: Duplicate
Date Sampled: 02/05/2004
Time Sampled: 10:30
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	91	%	SM2540B	0.10	02/06	02/06	KB
TCLP Extraction Date							
TCLP Extraction	02/10	date	1311 EXTR				EB
Metals							
Lead	8000	mg/kg (dw)	3050/6010	11	02/12	02/13	SB
TCLP Metals							
Lead	31	mg/l	3010/6010	0.50	02/11	02/12	WM

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126
SUB DOH# 86122,86109,E86048
SC CERT# 96031003
USACE
VA CERT# 00395
DOH# E86240
ADEM ID# 40850
TN CERT# 02985
GA CERT# 917
USDA Soil Permit# S-35240
NC CERT# 444
IL CERT# 200020

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-6

Sample Description:

Pure Lead

Analytical Report: SS-02
Date Sampled: 02/05/2004
Time Sampled: 10:45
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	93	%	SM2540B	0.10	02/06	02/06	KB
TCLP Extraction Date							
TCLP Extraction	02/10	date	1311 EXTR				EB
Metals							
Lead	6000	mg/kg (dw)	3050/6010	11	02/12	02/13	SB
TCLP Metals							
Lead	48	mg/l	3010/6010	0.50	02/11	02/12	WM

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix inc. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126 DOH# E86240 NC CERT# 444
SUB DOH# 86122,86109,E86048 ADEM ID# 40850 IL CERT# 200020
SC CERT# 96031001 TN CERT# 02985
USACE GA CERT# 917
VA CERT# 00395 USDA Soil Permit# S-36240

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-7

Sample Description:

Pure Lead

Analytical Report: SB-02
Date Sampled: 02/05/2004
Time Sampled: 10:45
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Percent Solids							
Percent Solid	81	%	SM2540B	0.10	02/06	02/06	KB
TCLP Extraction Date							
TCLP Extraction	02/10	date	1311 EXTR				EB
Metals							
Lead	1.7	mg/kg (dw)	3050/6010	1.2	02/12	02/13	SB
TCLP Metals							
Lead	BDL	mg/l	3010/6010	0.050	02/11	02/12	WM

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range· I-result between MDL and PQL

QAP# 980126 | DOH# E86240 | NC CERT# 444
SUB DOH# 86122,86109,E86046 | ADEM ID# 40850 | IL CERT# 200020
SC CERT# 96031001 | TN CERT# 02985
USACE | GA CERT# 917
VA CERT# 00395 | USDA Soil Permit# S-35240

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

Client #: WPB-12-050505
Address: Post, Buckley, Schuh & Jernigan
3230 Commerce Place
Suite A
West Palm Beach, FL 33407
Attn: Phil Cook

Page: Page 1 of 1
Date: 02/16/2004
Log #: L86783-8

Sample Description:

Pure Lead

Analytical Report: Equipment Blank
Date Sampled: 02/05/2004
Time Sampled: 10:50
Date Received: 02/06/2004
Collected By: Client

Parameter	Results	Units	Method	Reportable Limit	Extr. Date	Anly. Date	Analyst
Metals							
Arsenic	BDL	mg/l	3010/6010	0.010	02/12	02/12	SB
Lead	BDL	mg/l	3010/6010	0.0050	02/12	02/12	SB

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: BDL or U-below reporting limit; DL-diluted out; IL-meets internal lab limits; MI-matrix interference; NA-not appl.
Flags: CFR-Pb/Cu rule; ND-non detect(RL estimated); NFL-no free liquids; dw-dry wt; ww-wet wt; C(#)-see attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol
FLDEP Flags: L-exceeds calibration; Q-holding time exceeded; T-value < MDL; V-present in blank
FLDEP Flags: Y-improper preservation; B-colonies exceed range; I-result between MDL and PQL

QAP# 980126
SUB DOH# 86122,86109,E86048
SC CERT# 96031001
USACE
VA CERT# 00395
DOH# E86240
ADEM ID# 40850
TN CERT# 02985
GA CERT# 917
USDA Soil Permit# S-35240
NC CERT# 444
IL CERT# 200020

Respectfully submitted,

Steve Walton
Client Technical Svcs. Manager

CHAIN OF CUSTODY RECORD

USBIOSYSTEMS Log # 86783 T#S 8 Quote: _____ Page 1 of 1

LAB USE ONLY	YES	NO	N/A
Samples INTACT upon arrival?			
Received ON WET ICE? Temp____			
PROPER PRESERVATIVES indicated?			
Received WITHIN HOLDING TIME?			
CUSTODY SEALS INTACT?			
VOLATILES rec'd W/OUT HEADSPACE?			
PROPER CONTAINERS used?			

Company Name PBS&J PO#

Address 3230 Commerce PL #A

City West Palm Beach State FL Zip 33405

Attn: Phil Cook Fax# 689-3234

Project Name Pure Lead Proj#

Sampler Name/Signature Phillip R Carr Phone# 689 2275

Matrix Codes*

SD	Solid Waste	OL	Oil
GW	Ground Water	SL	Sludge
EFF	Effluent	SO	Soil Sediment
AFW	Analyte Free H_2O	AQ	Aqueous
WW	Waste Water	NA	Nonaqueous
DW	Drinking Water	PE	Petroleum
SU	Surface Water	O	Other (Please Specify)
ML	Misc. Liquid		

Pres/Codes

A. None	G. $Na_2S_2O_3$
B. HNO_3	H. $NaHSO_4$
C. H_2SO_4	I. ice
D. NaOH	J. MCAA
E. HCL	K. Zn Acetate
F. MeOH	O. Other

	Sample ID	Date	Time	Matrix Code		Pres/Code	Total Lead	TCLP Lead	TCLP Arsenic	Total Arsenic	REMARKS
1	SS-05	2504	1015	SO		①16SS	✓	✓	✓	✓	
2	SB-05	"	1020	SO			✓	✓			
3	SS-03	"	1030	SO			✓	✓			
4	SB-03	"	1030	SO			✓	✓			
5	Duplicate	"	1030	SO			✓	✓			
6	SS-02	"	1045	SO			✓	✓			
7	SB-02	"	1045	SO			✓	✓			
8	EQ Blank	"	1050	AFW		①8P	✓			✓	
9											
10											

Y/N | Date required | Y____ N X | None____ 1____ 2____ 3____ Other____ | (Y) N | LP

109		Phillip R Carr	2/5/04	0803			
		Phillip R Carr	2/6/04	1335	Kayte Bo	2/6/04	1335
#							

ORIGINAL

3231 N.W. 7th Avenue
Boca Raton, FL 33431
888-862-LABS
561-447-7373
888-456-4846 Fax
561-447-6136 Fax

C.O.C. # 69101